

STATE OF NEW YORK  
CONSERVATION DEPARTMENT  
WATER RESOURCES COMMISSION

**CHLORIDE CONCENTRATION AND TEMPERATURE  
OF THE WATERS OF NASSAU COUNTY,  
LONG ISLAND, NEW YORK**

By  
F.A. DeLuca, J.F. Hoffman, and E.R. Lubke  
U.S. Geological Survey



Prepared by the  
**U. S. GEOLOGICAL SURVEY**  
in cooperation with the  
**NEW YORK WATER RESOURCES COMMISSION**  
and the  
**NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS**

BULLETIN 55  
ALBANY, N.Y.  
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WATER RESOURCES COMMISSION

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## INTRODUCTION

Nassau County comprises an area of about 274 square miles in western Long Island (fig. 1). It is bounded on the east by Suffolk County, on the west by Queens County, on the north by Long Island Sound, and on the south by the Atlantic Ocean. The U. S. Geological Survey in cooperation with the New York State Water Resources Commission and the Nassau County Department of Public Works has carried on monitoring and investigatory programs on the water resources of Nassau County since 1932. Chloride and temperature determinations are important aspects of the hydrologic monitoring program in Nassau County. The purpose of this report is to present a summary of these basic data to supplement interpretative reports which have been published or are in preparation.

The chloride and temperature measurements in this report include most published and unpublished data from about 1895 to 1962. Tables 1 and 3 summarize the ranges of temperature and chloride content of water from wells and streams sampled more than once; however, selected single determinations also have been included in those tables to provide a better representation of early conditions and a better areal coverage. Some individual temperature measurements and chloride concentrations for sites sampled periodically are presented in tables 2 and 4.

Additional data on water temperature and chloride content are on file at the U. S. Geological Survey office at Mineola, New York.

Chloride analyses were made by the U. S. Geological Survey; Nassau County Department of Health; Nassau County Department of Public Works; New York State Department of Health; and the City of New York Department of Water Supply, Gas and Electricity. Most temperature measurements were made by the U. S. Geological Survey with laboratory-type mercury thermometers calibrated directly to the nearest tenth of a degree.

The principal water-bearing units in Nassau County are the upper Pleistocene deposits and Jameco Gravel of Pleistocene age and the Magothy(?) Formation and the Lloyd Sand Member of the Raritan Formation of Late Cretaceous age. Deposits of Recent age are largely restricted to the coastal areas and are a minor source of water, owing to their thinness and the high chloride content of the water that they contain in most places. Detailed descriptions of the geology and hydrology of these units and the extent of sea-water encroachment in Nassau County are given in reports by Perlmutter and Geraghty (1963), Swarzenski (1963), Luszynski and Swarzenski (1965), Isbister (1964), and Veatch and others (1906). Records of wells are given in Leggette and others (1938), Roberts and Brashears (1946), and Johnson and others (1958).

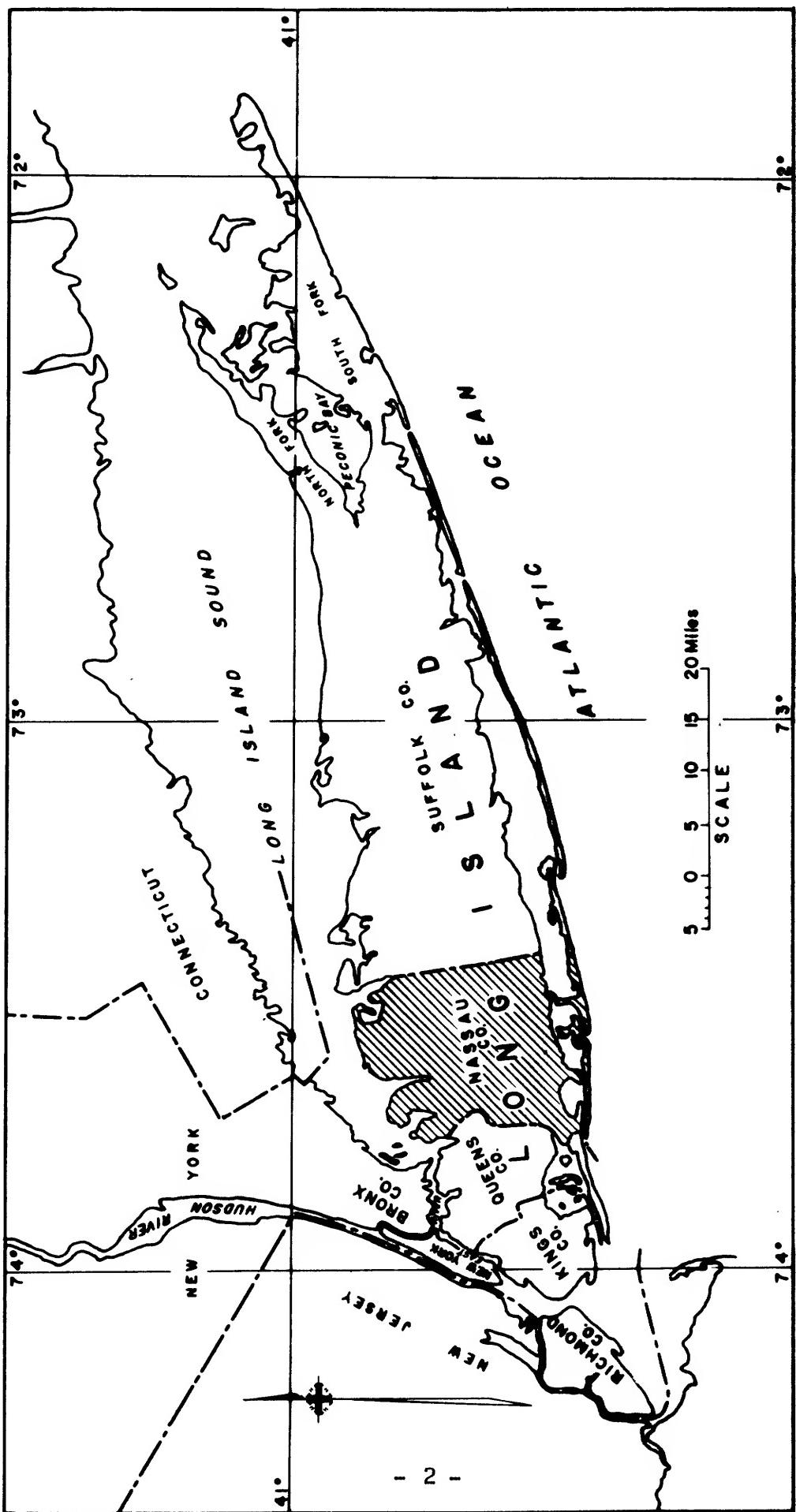


Figure 1.--Map of Long Island showing location of Nassau County.

Plate 1 shows the location of wells and surface-water bodies for which either chloride or temperature determinations, or both, are presented. Map coordinates of each well and surface-water sampling site are shown in tables 1 and 3 by the letter and number of the grid square within which the well or site is shown on plate 1.

About 6,200 chloride determinations from 540 wells, and about 3,150 temperature determinations from 380 wells are given in tables 1 and 2. Water samples were collected from observation, public-supply, and industrial wells. The water-bearing rock unit tapped by each well is shown in the geologic source column of table 1. The wells are listed serially by the official New York State well number (N1, N10, etc.). These numbers indicate approximately the chronological order in which the wells were drilled. The prefix "N" is omitted for convenience from the well numbers shown on plate 1.

Tables 3 and 4 list 48 chloride determinations and about 1,200 temperature determinations from 48 sites on streams and ponds. Stream samples are prefixed by "NS" and are numbered serially. Miscellaneous chloride and temperature measurements were made at surface-water sites NS1 - NS38. Surface-water temperatures are monitored monthly at sites NS39 - NS48.

## CHLORIDE CONCENTRATION

In the ground waters sampled, chloride concentrations ranged from about 2 to 9,200 ppm (parts per million) in the upper Pleistocene deposits, 2 to 12,900 ppm in the Jameco Gravel, about 1 to 16,700 ppm in the Magothy(?) Formation, and about 1 to 2,800 in the Lloyd Sand Member of the Raritan Formation. Most of the chloride concentrations listed in the tables are less than 10 ppm and represent uncontaminated water. Concentrations in excess of this amount generally are attributed to one or more of five principal sources of contamination: (1) sea water, (2) fertilizer, (3) domestic wastes, (4) industrial wastes, and (5) road salting.

Chloride concentrations in the streams generally ranged from about 5 to 25 ppm. Samples from estuaries and bays contain several hundred to about 16,000 ppm of chloride. A sample of Atlantic Ocean water collected south of Long Beach (pl. 1, A-5) had a chloride concentration of about 17,000 ppm.

The U. S. Public Health Service (1962) recommends that chloride in drinking water should not exceed 250 ppm if other more suitable water supplies are available. Larger amounts of chlorides -- as much as 500 ppm -- in drinking water may not be harmful, but the water may taste salty if concentrations are in excess of 250 ppm.

Sea-water contamination of Nassau County's ground water is restricted to the near-shore areas in the southern and northern parts of the county. Part of the salty water occurs naturally, part is due to pumping of wells, which draws in tongues or wedges of salty ground water, and part is due to inundation of low-lying shoreline areas during extraordinary high tides. Some scattered high chloride concentrations (as high as 2,500 ppm) in the ground water of northwestern Nassau County are due to contamination resulting from the intermittent use of salty bay water in washing sand and gravel for commercial use. (Swarzenski, 1963, p. 51.)

At Port Washington (northern Nassau County, pl. 1), salt-water encroachment in the Jameco Gravel was first detected in 1944. After shutdown of most of the deep wells and curtailment of pumpage from the remaining wells about 1955, the chloride content gradually decreased. In the same general area part of the shallow deposits is contaminated by salty bay water used for washing sand and gravel. On the east side of the Port Washington area near Bar Beach brackish water from sand- and gravel-washing operations has contaminated both the shallow and the deep deposits.

In southwestern Nassau County the landward limit of the main wedge of salty water in the Pleistocene deposits and the Magothy(?) Formation trends irregularly northwest from about a mile or two east of Lido Beach to Woodmere at the Queens County line (Luszczynski and Swarzenski, 1965). The position of this salt-water front is moving slowly inland due to pumping. The present rate of advance of the front is probably less than 10-20 feet per year regionally, but locally, near pumping wells, it may be as much as several hundred feet per year (Perlmutter and Geraghty, 1963, p. 103-107 and Luszczynski and Swarzenski, 1965).

The use of fertilizers prior to the year 1945, when much of Nassau County was farmed, has caused some small increases locally in the chloride content of the ground water. At the present time, the use of fertilizers is generally limited to lawns, but the residual effects of their former use is still apparent in some areas.

Domestic wastes are discharged in many parts of Nassau County through cesspools, septic tanks, or leaching beds. Ground water in the immediate vicinity of such installations commonly contains above-normal concentrations of chloride derived from human wastes. The contamination from this source is greatest in the upper Pleistocene deposits beneath densely populated residential areas.

Possible sources of chloride contamination by industrial wastes in Nassau County include brine from ice plants, meat-packing and food-processing plants, and salts from electroplating operations. The disposal of such waste waters through recharge basins and wells may cause some increase locally in the chloride content of the ground water.

Calcium chloride and sodium chloride are used on some roads and highways in Nassau County for ice control in the winter and dust control in the summer. Chloride concentrations in the ground water near treated roads may be high temporarily, but they decrease rapidly away from the treated areas due to dilution from recharge and diffusion. Above-normal chloride concentrations may occur also in ground water in the vicinity of recharge basins that receive storm and melt water from roads which have been salted.

## WATER TEMPERATURE

The temperature of ground water to a depth of about 200 feet below land surface is generally about 3° to 6°F above the average annual air temperature (Collins, 1925, p. 98). Below about 200 feet the temperature of the ground water increases about 1°F for each 60 to 100 feet of depth.

Natural ground-water temperatures in Nassau County generally range from about 50°F in the upper Pleistocene deposits to about 70°F in the Lloyd Sand Member. Ground water is commonly used in cooling and air-conditioning systems in Nassau County because of its ready availability, low cost and relatively constant temperature.

The New York State Water Resources Commission requires that water pumped for air-conditioning systems at a rate in excess of 45 gpm (gallons per minute) be returned to the source aquifer, to conserve the quantity of available ground water. In some places this may reduce the usefulness of the water for further cooling purposes. No widespread thermal pollution has been detected to date but high water temperatures have been reported locally at scattered wells in commercial areas where supply wells and recharge wells are relatively closely spaced and are screened at about the same depths.

Surface water is not generally used for cooling because of its large variation in temperature. Surface-water temperatures fluctuate over a wide range diurnally and seasonally because of variations in air temperature and radiation from the sun. The average monthly temperature of surface water can be expected to be within a few degrees of the average monthly air temperature when the air temperature is above freezing.

## REFERENCES

- Collins, W. D., 1925, Temperature of water available for industrial use in the United States: U. S. Geol. Survey Water-Supply Paper 520-F, p. 97-104.
- Isbister, John, 1964, Geology and hydrology of northeastern Nassau County, Long Island, New York: U. S. Geol. Survey open file report.
- Johnson, A. H., and others, 1958, Record of wells in Nassau County, New York, Supplement 2: New York State Water Power and Control Comm. Bull. GW-39, 308 p.
- Leggette, R. M., and others, 1938, Record of wells in Nassau County, New York: New York State Water Power and Control Comm. Bull. GW-5, 140 p.
- Luszynski, N. J., and Swarzenski, W. V., 1965, Salt-water encroachment in southern Nassau and southeastern Queens Counties, Long Island, New York: U. S. Geol. Survey Water-Supply Paper 1613-F (in press).
- Perlmutter, N. M., and Geraghty, J. J., 1963, Geology and ground-water conditions in southern Nassau and southeastern Queens Counties, Long Island, New York: U. S. Geol. Survey Water-Supply Paper 1613-A, 205 p.
- Roberts, C. M., and Brashears, M. L., Jr., 1946, Record of wells in Nassau County, New York, Supp. 1: New York State Water Power & Control Comm. Bull. GW-10, 191 p.
- Swarzenski, W. V., 1963, Hydrogeology of northwestern Nassau and northeastern Queens Counties, Long Island, New York: U. S. Geol. Survey Water-Supply Paper 1657, 90 p.
- U. S. Public Health Service, 1962, Drinking Water Standards, 1962: U. S. Public Health Service Pub. 956, 61 p.
- Veatch, A. C., and others, 1906, Underground water resources of Long Island, New York: U. S. Geol. Survey Prof. Paper 44, 394 p.

Table I.--Summary of chloride concentration and temperature of water from wells in Nassau County, N. Y.

Map coordinates:	Letter and number of grid square shown on plate I.	Use:	A, abandoned; C, cooling or air conditioning; D, domestic or institutional; Diff, diffusion or recharge; G, general; Ind, industrial; Irr, irrigation; O, observation; PS, public supply; T, test well; U, unused.
Owner:	Cit. WSC, Citizens Water Supply Company; Comm., Commission; Jam. WSC, Jamaica Water Supply Company; NCDPW, Nassau County Department of Public Works;	Screened depth:	Feet below land surface.
	NYCBWS, New York City Board of Water Supply; NYCDWS&E, New York City Department of Water Supply, Gas and Electricity; NYWSD, New York Water Service Division of Utilities and Industries Corporation; USGS, United States Geological Survey; Vill., Village; WD, Water District.	Geologic source:	J, Jameco Gravel; L, Lloyd Sand Member of Raritan Formation; M, Magothy(?) Formation; P, Pleistocene deposits undifferentiated; R, clay member of Raritan Formation; Re, Recent deposits; uP, upper Pleistocene deposits.

Table I.—Summary of chloride concentration and temperature of water from wells in Nassau County, N. Y.

Well	Map coordinates	Locality	Owner	Use	Screened depth (feet)	Geologic source	Chloride concentration			Period of record (years)			No. of samples	Highest of record Chloride (ppm)	Date	Lowest of record Chloride (ppm)			Period of record (years)	No. of samples	Temperature (°F)	Date	Water temperature	Lowest of record
							Chloride (ppm)	Date	Chloride (ppm)	Chloride (ppm)	Chloride (ppm)	Date				Chloride (ppm)	Chloride (ppm)	Chloride (ppm)						
N1	B-5	Cedarhurst	Knickerbocker Ice Co.	--	51	1933-62	2	May 10, 1933	50	June 13, 1933	--	--	--	--	54.7	May 27, 1935	22	1962	--	--	--	--	--	--
N10	C-5	E. Mount	Jam. WSC	PS	309-399	M	1935-62	30	June 13, 1952	9.8	Mar. 10, 1947	1962	1	53.8	May 22, 1962	22	1962	51.3	Mar. 28, 1938	--	--	--	--	
N11	C-5	do.	do.	PS	375-409	M	1944-61	21	June 13, 1952	9.8	Mar. 10, 1947	1962	1	53.8	May 22, 1962	22	1962	51.3	Mar. 28, 1938	--	--	--	--	
N12	C-5	do.	do.	PS	362-422	M	1940-59	12	June 12, 1954	3.6	Mar. 10, 1947	1962	2	54.8	May 22, 1962	22	1962	51.3	Mar. 28, 1938	--	--	--	--	
N13	C-5	do.	do.	PS	223-283	M	1940-57	22	June 12, 1954	3.6	Mar. 10, 1947	1962	1	54.8	May 22, 1962	22	1962	51.3	Mar. 28, 1938	--	--	--	--	
N14	C-5	New Hyde Park	do.	PS	77-107	UP	1941-61	13	Sept. 15, 1959	9.5	Mar. 10, 1947	1962	1	56.7	May 22, 1962	22	1962	51.3	Mar. 28, 1938	--	--	--	--	
N15	C-5	do.	do.	PS	72-102	M	1928-47	13	June 23, 1961	9.4	Mar. 10, 1947	1962	1	59.7	July 24, 1939	22	1962	52.9	Jan. 26, 1940	--	--	--	--	
N16	C-5	do.	Premium Ice Co.	Ind	378-438	M	1940-62	19	June 18, 1961	5	Mar. 10, 1947	1962	15	54.5	July 24, 1939	22	1962	52.9	Jan. 26, 1940	--	--	--	--	
N17	C-5	do.	Jam. WSC	PS	405-465	M	1940-62	19	June 18, 1961	5	Mar. 10, 1947	1962	1	53.7	July 24, 1939	22	1962	52.9	Jan. 26, 1940	--	--	--	--	
N21	D-5	Great Neck	Cit. WSC	PS	444	L	1947-49	2	July 6, 1949	8	Aug. 21, 1947	1962	1	57.3	July 27, 1962	27	1962	52.3	Oct. 27, 1962	--	--	--	--	
N22	D-5	do.	do.	PS	126-146	M	1947-62	5	July 12, 1949	6.6	June 26, 1952	1962	1	55.3	July 27, 1962	27	1962	51.2	Feb. 26, 1938	--	--	--	--	
N23	D-5	do.	do.	PS	104-134	M	1937-62	23	July 12, 1949	6.6	June 26, 1952	1962	3	54.3	Sept. 14, 1938	26	1945	51.2	Feb. 26, 1938	--	--	--	--	
N24	D-5	Manhasset	Lakeville WD	PS	359-419	L	1932-62	23	Aug. 31, 1938	4	Nov. 22, 1952	1962	6	58.7	Mar. 26, 1945	26	1945	55.0	May 29, 1942	--	--	--	--	
N27	D-5	do.	Manhasset Theater	Ind	21-122	M	1944-56	2	Aug. 31, 1938	10	July 1, 1947	1962	1	59.7	May 29, 1945	26	1945	52.9	Jan. 26, 1939	--	--	--	--	
N28	D-5	Plandome	Vil. of Plandomes	PS	111-136	UP	1939-62	9	June 6, 1960	3.6	Jan. 21, 1962	1962	3	52.9	May 29, 1962	29	1962	51.6	Jan. 13, 1939	--	--	--	--	
N29	D-5	do.	do.	PS	206	UP	1939-62	10	Sept. 14, 1956	5.8	Jan. 21, 1962	1962	4	52.5	May 29, 1962	29	1962	50.1	Jan. 13, 1939	--	--	--	--	
N30	D-5	Kings Point	Cit. WSC	PS	164-204	M	1940-57	5	Sept. 23, 1957	5	Sept. 23, 1957	1962	2	54.6	Sept. 24, 1960	24	1960	54.6	Sept. 24, 1960	--	--	--	--	
N31	D-5	do.	do.	PS	173-233	J	1939-52	9	July 6, 1949	4.5	Aug. 25, 1943	1962	2	53.6	Sept. 24, 1939	24	1939	53.5	July 27, 1939	--	--	--	--	
N32	E-5	Port Washington	Port Washington ND	PS	--	UP	1937-62	20	June 20, 1940	5	Sept. 20, 1957	1962	2	54.8	June 23, 1938	23	1938	54.1	Jan. 9, 1940	--	--	--	--	
N33	E-5	do.	do.	PS	239-340	L	1940-49	23	Dec. 27, 1949	5	Sept. 26, 1957	1962	2	54.8	June 24, 1940	24	1940	54.0	Sept. 24, 1940	--	--	--	--	
N35	E-5	Sands Point	Vil. of Sands Point	PS	207-217	L	1944-57	5	Jan. 15, 1946	5.40	Aug. 19, 1957	1962	2	52.4	July 25, 1962	25	1962	52.0	May 16, 1950	--	--	--	--	
N36	E-5	Long Beach	City of Long Beach	PS	220	J	1940-62	10	July 12, 1949	6.6	July 1, 1947	1962	3	52.0	July 25, 1962	25	1962	50.3	Feb. 26, 1928	--	--	--	--	
N37	E-5	do.	do.	PS	1300	L	1932-51	5	July 13, 1949	8	Aug. 20, 1947	1962	2	52.0	July 26, 1939	26	1939	55.4	Oct. 31, 1941	--	--	--	--	
N40	B-5	do.	do.	PS	1193-155	M	1937-62	20	Aug. 27, 1949	2	Dec. 7, 1945	1962	2	53.1	July 27, 1945	27	1945	56.0	July 17, 1947	--	--	--	--	
N41	B-5	do.	do.	PS	220-608	M	1934-55	31	Dec. 15, 1937	2	Dec. 7, 1945	1962	2	53.1	July 27, 1945	27	1945	56.0	July 17, 1947	--	--	--	--	
N42	B-5	do.	do.	PS	1144-184	M	1932-62	31	Dec. 15, 1937	2	Dec. 7, 1945	1962	2	53.1	July 27, 1945	27	1945	56.0	July 17, 1947	--	--	--	--	
N43	B-5	do.	do.	PS	1193-163	L	1944-62	70	Aug. 22, 1934	2.4	Sept. 6, 1961	1962	31	69.8	Sept. 3, 1954	54	1954	67.0	Dec. 13, 1949	--	--	--	--	
N44	B-5	do.	do.	PS	1195-1265	L	1944-62	70	Aug. 22, 1934	2.4	Sept. 6, 1961	1962	31	69.8	Sept. 3, 1954	54	1954	67.0	Dec. 13, 1949	--	--	--	--	
N45	B-5	do.	do.	PS	1042-1122	L	1932-49	51	Aug. 22, 1934	4	Sept. 6, 1961	1962	31	69.8	Sept. 3, 1954	54	1954	67.0	Dec. 13, 1949	--	--	--	--	
N46	B-5	Lido Beach	Channel Management Corp.	PS	1300-1560	M	1937-61	60	June 14, 1949	1	Dec. 21, 1950	1962	42	63.0	July 25, 1962	25	1962	65.1	Oct. 3, 1941	--	--	--	--	
N48	B-5	Rockville Centre	Vil. of Rockville Centre	PS	1449-520	M	1932-54	26	July 7, 1949	1	Dec. 21, 1944	1962	42	62.3	July 25, 1962	25	1962	64.1	Oct. 3, 1941	--	--	--	--	
N49	B-5	do.	do.	PS	304-330	M	1932-53	20	Aug. 8, 1949	2	Dec. 5, 1949	1962	42	62.3	July 25, 1962	25	1962	64.1	Oct. 3, 1941	--	--	--	--	
N50	B-5	do.	do.	PS	1436-512	M	1932-62	29	Aug. 8, 1949	2	Oct. 21, 1945	1962	42	62.3	July 25, 1962	25	1962	64.1	Oct. 3, 1941	--	--	--	--	
N52	B-5	do.	do.	PS	494-539	M	1932-62	38	Sept. 27, 1949	3	Jan. 21, 1949	1962	42	62.3	July 25, 1962	25	1962	64.1	Oct. 3, 1941	--	--	--	--	
N57	B-5	Freepoint	Vil. of Freeport	PS	1052	L	1946-62	18	Sept. 22, 1949	2	Oct. 21, 1946	1962	42	62.3	July 25, 1962	25	1962	64.1	Oct. 3, 1941	--	--	--	--	
N68	B-5	do.	do.	PS	150-509	M	1946-62	32	Sept. 22, 1949	2	Oct. 21, 1946	1962	42	62.3	July 25, 1962	25	1962	64.1	Oct. 3, 1941	--	--	--	--	
N69	B-5	do.	do.	PS	144-494	M	1946-62	34	Sept. 22, 1949	2	Oct. 21, 1946	1962	42	62.3	July 25, 1962	25	1962	64.1	Oct. 3, 1941	--	--	--	--	
N70	B-5	do.	do.	PS	142-604	M	1946-62	34	Sept. 22, 1949	2	Oct. 21, 1946	1962	42	62.3	July 25, 1962	25	1962	64.1	Oct. 3, 1941	--	--	--	--	
N71	C-5	Rockville Centre	Vil. of Rockville Centre	PS	133-181	M	1943-62	10	Sept. 15, 1959	8.2	Sept. 15, 1959	1962	42	62.3	July 25, 1962	25	1962	64.1	Oct. 3, 1941	--	--	--	--	
N76	C-5	Hempstead	Vil. of Hempstead	PS	145-195	M	1943-61	10	Sept. 9, 1959	8.6	Sept. 15, 1959	1962	42	62.3	July 25, 1962	25	1962	64.1	Oct. 3, 1941	--	--	--	--	
N78	C-5	do.	do.	PS	319-374	M	1943-61	5	July 7, 1949	1	June 30, 1952	1962	3	54.8	July 25, 1962	25	1962	64.1	Oct. 3, 1941	--	--	--	--	
N79	C-5	do.	do.	PS	338-418	M	1943-62	12	July 10, 1949	1	June 30, 1952	1962	3	54.8	July 25, 1962	25	1962	64.1	Oct. 3, 1941	--	--	--	--	
N80	C-5	do.	do.	PS	429-480	M	1942-62	8	July 9, 1949	1	June 30, 1952	1962	3	54.8	July 25, 1962	25	1962	64.1	Oct. 3, 1941	--	--	--	--	
N81	C-5	do.	do.	PS	360-412	M	1943-56	10	July 6, 1949	1	June 30, 1952	1962	3	54.8	July 25, 1962	25	1962	64.1	Oct. 3, 1941	--	--	--	--	
N82	C-5	do.	do.	PS	534	M	1942-62	9	July 4, 1949	1	June 30, 1952	1962	3	54.8	July 25, 1962	25	1962	64.1	Oct. 3, 1941	--	--	--	--	
N83	C-5	do.	do.	PS	261-321	M	1942-62	7	July 4, 1949	1	June 30, 1952	1962	3	54.8	July 25, 1962	25	1962	64.1	Oct. 3, 1941	--	--	--	--	
N87	C-5	Garden City	Doubleday Doran & Co., Inc.	Ind	742-782	L	1937-47	18	July 6, 1949	1	June 30, 1952	1962	3	54.8	July 25, 1962	25	1962	64.1	Oct. 3, 1941	--	--	--	--	
N91	C-5	do.	do.	Vil. of Garden City	--	--	82	UP	1943-61	6	Aug. 26, 1959	1962	27	54.8	July 25, 1962	25	1962	64.1	Oct. 3, 1941	--	--	--	--	
N93	C-5	do.	do.	PS	44-77	M	1943-59	8	Sept. 15, 1959	4	Aug. 26, 1959	1962	27	54.8	July 25, 1962	25	1962	64.1	Oct. 3, 1941	--	--	--	--	
N94	C-5	do.	do.	PS	322-372	M	1943-56	7	Sept. 15, 1959	4	Aug. 26, 1959	1962	27	54.8	July 25, 1962	25	1962	64.1	Oct. 3, 1941	--	--	--	--	
N95	C-5	do.	do.	PS	474-534	M	1942																	

Table I.--Summary of chloride concentration and temperature of water from wells in Nassau County, N.Y.--Continued

Well	Mu-coordinates	Locality	Owner	Use	Economic depth (feet)	Geologic source	Chloride concentration			Temperature			No. of samples	Period of record (years)	Period of record (years)	Last cast record
							No. of samples	Chloride (ppm)	Date	Chloride (ppm)	Date	Temperature (°F)				
N105	D-6	Old Westbury	V.I. of Old Westbury	PS	412-452	M	1935-62	8	Oct. 16, 1937	4.2	April, 1943	--	--	--	--	--
N107	D-6	Glenwood Landing	Jericho WD	PS	455-495	M	1935-62	5	Oct. 16, 1937	4.2	July 10, 1961	--	--	--	--	--
N109	E-6	do.	do.	PS	132-142;	L	1935-47	15	Apr. 15, 1941	3.9	Feb. 25, 1935	1938-47	8	57.2	June 23, 1938	53.9
N111	D-6	Locust Valley	Long Island Lighting Co.	Ind	146-152	L	1935-47	21	Sept. 27, 1942	3.5	Nov. 7, 1938	1939	2	55.5	Jan. 4, 1939	54.9
N113	E-6	Locust Valley	Paul G. Penneyer	D	320-407	L	1935-53	23	Sept. 27, 1942	3.5	Jan. 20, 1938	1939	2	55.0	June 20, 1939	52.6
N115	E-6	do.	Locust Valley WD	PS	340-407	J	1935-62	5	Sept. 27, 1942	5.0	Feb. 25, 1932	1932-62	2	53.0	Nov. 22, 1932	52.6
N116	E-6	do.	do.	PS	118-168	M	1935-39	2	Sept. 27, 1942	7	Jan. 4, 1939	--	--	--	--	--
N117	E-6	do.	do.	PS	143-155	M	1935-60	1	Sept. 27, 1942	7	Jan. 11, 1939	1932-62	2	56.6	June 29, 1932	53.9
N118	E-6	do.	do.	PS	142-471	L	1935-60	1	Sept. 27, 1942	5.6	Aug. 22, 1938	1938	2	54.6	Oct. 27, 1938	--
N119	E-6	do.	do.	PS	147-571	L	1935-60	10	Sept. 27, 1942	5	Aug. 3, 1938	1938	1	54.6	Oct. 27, 1938	--
N121	E-6	Lathingtown	Creek Club	Irr	149-271;	M	1937-46	16	Sept. 17, 1946	7	Jan. 20, 1938	1938	1	54.6	Oct. 27, 1938	--
N123	E-6	do.	George F. Baker, Jr.	D-Irr	187-207	L	1937-42	23	Sept. 14, 1941	4	Feb. 17, 1950	1950	6	55.1	Sept. 25, 1940	53.4
N124	E-6	do.	Creek Club	Ind	304	L	1938-52	12	Sept. 14, 1941	8	Oct. 27, 1938	1938-41	6	55.1	Mar. 29, 1939	53.4
N125	B-7	Jones Beach State Park	Long Island State Park Comm.	Ind	300	L	1932-60	17	Sept. 9, 1939	7	Apr. 3, 1939	1933-56	3	62.9	June 7, 1936	59.0
N129	B-7	do.	do.	PS	889-939	M	1935-60	18	Sept. 9, 1939	4.7	Nov. 10, 1933	1938-53	2	62.5	Nov. 10, 1953	62.3
N130	B-7	Great Island	Formerly NYCBNS	A	169-330;	M	about 1910	10	Sept. 9, 1939	--	Oct. 9, 1945	1942-53	18	57.7	Aug. 22, 1947	53.9
N131	B-7	Freeport	V.I. of Freeport	PS	169-330;	M	1935-55	23	Sept. 6, 1949	2	Oct. 9, 1945	1942-53	18	57.7	Aug. 22, 1947	53.9
N132	B-7	do.	do.	PS	122-232	M	1935-52	23	Sept. 6, 1949	4	Oct. 9, 1945	1942-53	18	57.7	Aug. 22, 1947	53.9
N134	B-7	do.	do.	PS	466-507	M	1940-62	33	Sept. 6, 1949	5	Oct. 9, 1945	1942-53	18	57.7	Aug. 22, 1947	53.9
N149	O-7	Hicksville	Hicksville WD	PS	133-153	M	1942-62	34	Sept. 6, 1949	5	Oct. 9, 1945	1942-62	23	57.3	Jan. 11, 1952	53.2
N150	D-7	do.	do.	PS	127-	M	1931-57	5	Sept. 6, 1949	5	Oct. 9, 1945	1942-62	23	57.3	Jan. 11, 1952	53.2
N152	D-7	Old Westbury	V.I. of Old Westbury	PS	122-144	M	1935-54	6	Sept. 6, 1949	5	Oct. 9, 1945	1942-62	23	57.3	Jan. 11, 1952	53.2
N157	D-7	Mill Neck	Arthur B. Davis	PS	138-178	M	1935-62	8	Sept. 6, 1949	6	Oct. 9, 1945	1942-62	23	57.3	Jan. 11, 1952	53.2
N173	E-7	Lattingtown	Myron C. Taylor	D-Irr	141-134	L	1946-62	1	Sept. 6, 1949	6	Oct. 9, 1945	1942-62	23	57.3	Jan. 11, 1952	53.2
N174	E-7	Centre Island	S. R. Outerbridge	D	139-444	M	1934-44	19	Sept. 6, 1949	6	Oct. 9, 1945	1942-62	23	57.3	Jan. 11, 1952	53.2
N176	E-7	do.	Thurston Smith	T	136-	M	1946-52	2	Sept. 6, 1949	6	Oct. 9, 1945	1942-62	23	57.3	Jan. 11, 1952	53.2
N180	C-8	Seaford	NYCNS&E	T	762	M	1940-62	5	Sept. 6, 1949	6	Oct. 9, 1945	1942-62	23	57.3	Jan. 11, 1952	53.2
N199	D-8	Syosset	Jericho WD	PS	567-617	M	1932-61	8	Sept. 6, 1949	6	Oct. 9, 1945	1942-62	23	57.3	Jan. 11, 1952	53.2
N202	E-7	Oyster Bay	Oyster Bay WD	PS	541-600	M	1932-53	25	Sept. 6, 1949	6	Oct. 9, 1945	1942-62	23	57.3	Jan. 11, 1952	53.2
N204	E-7	Centre Island	Formerly Queens County Water Co.	D-Irr	420	M	1937-52	25	Sept. 6, 1949	6	Oct. 9, 1945	1942-62	23	57.3	Jan. 11, 1952	53.2
N236	B-5	Lynbrook	Formerly Long Beach Association	PS	504-	M	1903	1	Sept. 6, 1949	6	Oct. 9, 1945	1942-62	23	57.3	Jan. 11, 1952	53.2
N319	B-6	Long Beach	Formerly Long Beach Association	PS	303-366	M	about 1903	1	Sept. 6, 1949	6	Oct. 9, 1945	1942-62	23	57.3	Jan. 11, 1952	53.2
N321	B-6	East Rockaway	V.I. of Garden City	PS	--	M	about 1906	1	Sept. 6, 1949	6	Oct. 9, 1945	1942-62	23	57.3	Jan. 11, 1952	53.2
N420	C-6	Garden City	W. C. Guthrie	D	260-340	L	1946	2	Sept. 6, 1949	6	Oct. 9, 1945	1942-62	23	57.3	Jan. 11, 1952	53.2
N423	E-6	Lattingtown	--	D	260-365	M	about 1906	1	Sept. 6, 1949	6	Oct. 9, 1945	1942-62	23	57.3	Jan. 11, 1952	53.2
N435	B-7	Freeport	T. Underhill	PS	37	M	about 1906	1	Sept. 6, 1949	6	Oct. 9, 1945	1942-62	23	57.3	Jan. 11, 1952	53.2
N473	E-7	Oyster Bay	O. L. Jones	D	165	M	about 1906	2	Sept. 6, 1949	6	Oct. 9, 1945	1942-62	23	57.3	Jan. 11, 1952	53.2
N490	E-7	do.	Nehannes Casino	A	99	M	about 1906	1	Sept. 6, 1949	6	Oct. 9, 1945	1942-62	23	57.3	Jan. 11, 1952	53.2
N491	E-7	do.	T. Underhill	D	107	M	about 1906	1	Sept. 6, 1949	6	Oct. 9, 1945	1942-62	23	57.3	Jan. 11, 1952	53.2
N492	E-7	do.	Mr. Lee	D	200	M	about 1906	1	Sept. 6, 1949	6	Oct. 9, 1945	1942-62	23	57.3	Jan. 11, 1952	53.2
N493	E-7	do.	Mr. Burgess	D	156	M	about 1906	1	Sept. 6, 1949	6	Oct. 9, 1945	1942-62	23	57.3	Jan. 11, 1952	53.2
N494	E-7	do.	William Trotter	D	90	M	about 1906	1	Sept. 6, 1949	6	Oct. 9, 1945	1942-62	23	57.3	Jan. 11, 1952	53.2
N495	E-7	do.	H. Ballards	D	233	M	about 1906	1	Sept. 6, 1949	6	Oct. 9, 1945	1942-62	23	57.3	Jan. 11, 1952	53.2
N496	E-7	do.	Stein Estuary	D	--	M	about 1906	1	Sept. 6, 1949	6	Oct. 9, 1945	1942-62	23	57.3	Jan. 11, 1952	53.2
N497	E-7	do.	G. M. Fletcher	D	146-152	M	about 1906	1	Sept. 6, 1949	6	Oct. 9, 1945	1942-62	23	57.3	Jan. 11, 1952	53.2
N498	E-7	do.	C. W. Werner	D	300-318	M	about 1906	1	Sept. 6, 1949	6	Oct. 9, 1945	1942-62	23	57.3	Jan. 11, 1952	53.2
N502	E-7	do.	Dr. G. L. Jones	A	146-152	M	about 1906	1	Sept. 6, 1949	6	Oct. 9, 1945	1942-62	23	57.3	Jan. 11, 1952	53.2
N506	E-7	Bayville	Irving Cox	D	300-330	L	1948-61	2	Sept. 6, 1949	6	Oct. 9, 1945	1942-62	23	57.3	Jan. 11, 1952	53.2
N507	E-7	Centra Island	--	D	--	M	about 1906	1	Sept. 6, 1949	6	Oct. 9, 1945	1942-62	23	57.3	Jan. 11, 1952	53.2
N511	E-7	Centra Island	do.	D	--	M	about 1906	1	Sept. 6, 1949	6	Oct. 9, 1945	1942-62	23	57.3	Jan. 11, 1952	53.2

Table I.--Summary of chloride concentration and temperature of water from wells in Nassau County, N.Y.--Continued

Well	Map coordinates	Locality	Owner	Screened depth (feet)	Chloride concentration				Winter temperature						
					Geologic source	Period of record (years)	No. of samples	Chloride (ppm)	Highest of record		Lowest of record		Period of record (years)		
									Date	Chloride (ppm)	Date	Chloride (ppm)			
N528	D-8	Plainview	Richard Colliers	up	about 1906	1	2.8	about 1906	--	--	--	--	about 1906	about 1906	
N529	D-8	Woodbury	Central Theater	D	197-123	J	17	about 1906	--	--	--	--	about 1906	about 1906	
N539	B-5	Woodmere	Unknown	IRR	196-500	M	14	July 18, 1961	--	--	--	--	Aug. 18, 1961	Aug. 18, 1961	
N569	B-5	Woodbury	Y.I. Minola	PS	357-403	M	12	5.2	9.6	1954	1954	1954	1954	1954	1954
N570	D-8	Syosset	Oyster Bay W.D.	PS	1954-60	M	10	July 11, 1957	3.6	Mar. 16, 1954	1954	1954	1954	1954	1954
N578	C-6	Mineola	Plandome Go-Club	UP	1954-61	M	10	July 23, 1957	6.6	Feb. 26, 1954	1954	1954	1954	1954	1954
N585	E-6	Oyster Bay	Garden City Park W.D.	PS	411-454	L	3	July 11, 1957	6.6	July 16, 1948	1948	1948	1948	1948	1948
N599	D-5	Garden City Park	do.	PS	306-346	M	10	Sept. 27, 1957	4.2	Jan. 19, 1943	1943	1943	1943	1943	1943
N650	D-6	do.	do.	PS	300-340	M	5	July 1, 1956	5.6	Jan. 8, 1943	1943	1943	1943	1943	1943
N651	D-6	Port Washington	Metropolitan Titan Sand Co.	UP	425(7)	L	43	July 1, 1956	18	July 1, 1948	1938-57	1938-57	1938-57	1938-57	1938-57
N656	D-6	do.	Town of North Hempstead	O	327(1)	L	46	Feb. 16, 1956	8.0	Nov. 17, 1938	1938-57	1938-57	1938-57	1938-57	1938-57
N657	D-6	do.	do.	UP	248	--	2,800	Feb. 16, 1956	850	Nov. 17, 1938	1938-57	1938-57	1938-57	1938-57	1938-57
N658	D-6	Glen Cove	Chamco Products, Inc.	Ind	404	L	2	Feb. 16, 1956	6.0	Oct. 26, 1957	1957	1957	1957	1957	1957
N660	E-6	do.	Town of North Hempstead	Ind	329-396	L	2	Oct. 21, 1957	7.0	Oct. 21, 1957	1957	1957	1957	1957	1957
N661	E-6	do.	Long Island State Park Comm.	G	347-363	M	50	Oct. 8, 1953	6.0	Dec. 3, 1945	1945	1945	1945	1945	1945
N666	B-7	Jones Beach	do.	PS	93-104	M	2	Nov. 8, 1953	5	Dec. 30, 1952	1952	1952	1952	1952	1952
N667	B-7	do.	Board of Sewer Comm.	D	79-90	UP	2	Nov. 6, 1953	6	Nov. 10, 1953	1953	1953	1953	1953	1953
N675	D-5	Port Washington	Cit. WSC	PS	280-310	L	4	July 10, 1953	4.6	Aug. 20, 1953	1953	1953	1953	1953	1953
N687	D-5	Great Neck	do.	PS	63-93	M	27	July 10, 1953	8.0	Aug. 20, 1953	1953	1953	1953	1953	1953
N693	C-5	Elmont	Jan. WSC	PS	1940-62	M	21	July 10, 1953	8.0	Aug. 20, 1953	1953	1953	1953	1953	1953
N703	D-5	Massachusetts	Mahasset-Lakeville W.D.	PS	2-150	M	1947	July 10, 1953	5.2	July 10, 1953	1953	1953	1953	1953	1953
N705	C-8	Farmingdale	Vil. of Farmingdale	U	1942-57	M	3	July 10, 1953	8.2	July 10, 1953	1953	1953	1953	1953	1953
N706	C-8	do.	do.	UP	1942-62	M	2	July 10, 1953	8	July 10, 1953	1953	1953	1953	1953	1953
N728	C-8	Maspesqua	Maspesqua W.D.	PS	7-40	UP	1	July 10, 1953	9	Oct. 28, 1952	1952	1952	1952	1952	1952
N729	C-8	do.	NYSDW	PS	1953-54	M	3	July 10, 1953	12	Sept. 12, 1952	1952	1952	1952	1952	1952
N734	E-7	Oyster Bay	Oyster Bay W.D.	PS	7-120	J	--	July 10, 1953	7.4	July 10, 1953	1953	1953	1953	1953	1953
N735	E-7	do.	do.	PS	100-120	J	--	July 10, 1953	6.4	June 20, 1960	1960	1960	1960	1960	1960
N736	E-7	do.	Central Park W.D.	PS	7-70	M	2	July 10, 1953	7.6	July 10, 1952	1952	1952	1952	1952	1952
N746	C-8	Bethpage	do.	PS	1942-207	M	12	Oct. 12, 1952	12	Oct. 12, 1952	1952	1952	1952	1952	1952
N750	D-6	Westbury	do.	PS	7-368	M	1	Oct. 10, 1952	10	Jan. 25, 1953	1953	1953	1953	1953	1953
N819	E-5	Port Washington	Port Washington W.D.	PS	71-82	UP	9	July 10, 1953	19	July 10, 1945	1945	1945	1945	1945	1945
N820	E-5	do.	do.	PS	1943-45	I	12	July 10, 1953	60	July 10, 1960	1960	1960	1960	1960	1960
N821	E-5	do.	do.	PS	1943-45	I	11	July 10, 1953	6.4	June 20, 1960	1960	1960	1960	1960	1960
N822	E-5	do.	do.	PS	1943-45	I	12	July 10, 1953	7.6	June 20, 1960	1960	1960	1960	1960	1960
N823	E-5	do.	do.	PS	1943-45	I	12	July 10, 1953	9.6	June 20, 1960	1960	1960	1960	1960	1960
N824	E-5	do.	do.	PS	1943-45	I	17	July 10, 1953	11	July 10, 1945	1945	1945	1945	1945	1945
N825	E-5	do.	do.	PS	1943-45	I	21	July 10, 1953	55	Aug. 10, 1953	1953	1953	1953	1953	1953
N826	E-5	do.	do.	PS	295-395	J	9	July 10, 1953	200	Oct. 3, 1945	1945	1945	1945	1945	1945
N827	D-6	Westbury	do.	PS	239-252	M	7	July 10, 1953	62	Oct. 3, 1943	1943	1943	1943	1943	1943
N828	D-6	do.	do.	PS	276-300	M	1	July 10, 1953	18	Nov. 28, 1943	1943	1943	1943	1943	1943
N829	D-6	Morgan Island	NYSDW	PS	319-419	L(?)	9	July 10, 1953	72	Nov. 20, 1943	1943	1943	1943	1943	1943
N835	E-6	Sea Cliff	Sea Cliff Water Co.	O	27	UP	1953	1	24	Nov. 6, 1953	1953	1953	1953	1953	1953
N836	C-5	Valley Stream	NCDW	O	22	UP	1951	2	34	Mar. 1, 1951	1951	1951	1951	1951	1951
N111	B-5	do.	do.	PS	17	UP	1953	2	18	Nov. 6, 1953	1953	1953	1953	1953	1953
N112	B-5	do.	do.	PS	28	UP	1953	1	24	Nov. 6, 1953	1953	1953	1953	1953	1953
N113	B-5	do.	do.	PS	20-22	UP	1960	1	3-9	Dec. 5, 1960	1960	1960	1960	1960	1960
N114	B-5	do.	do.	PS	0	UP	1959-54	1	24	May 1, 1960	1960	1960	1960	1960	1960
N124	E-8	do.	do.	PS	14	UP	1955-57	2	11	Mar. 2, 1961	1961	1961	1961	1961	1961
N125	B-7	do.	do.	PS	47	UP	1955-57	1	11	Mar. 2, 1961	1961	1961	1961	1961	1961
N126	B-7	do.	do.	PS	0	UP	1959-54	14	10	Dec. 16, 1953	1953	1953	1953	1953	1953
N127	B-7	do.	do.	PS	79	M	1	July 10, 1953	62	Oct. 1, 1953	1953	1953	1953	1953	1953
N128	B-7	do.	do.	PS	135	M	1	July 10, 1953	6	Nov. 6, 1953	1953	1953	1953	1953	1953
N129	B-7	do.	do.	PS	82	M	1	July 10, 1953	18	Oct. 1, 1953	1953	1953	1953	1953	1953
N130	B-7	do.	do.	PS	60	M	1	July 10, 1953	24	Oct. 1, 1953	1953	1953	1953	1953	1953
N131	B-7	do.	do.	PS	0	UP	1959-62	1	14	Dec. 3, 1953	1953	1953	1953	1953	1953
N132	B-7	do.	do.	PS	14	UP	1959-62	1	14	Dec. 3, 1953	1953	1953	1953	1953	1953
N133	B-7	do.	do.	PS	61	M	1	July 10, 1953	54	Oct. 1, 1953	1953	1953	1953	1953	1953
N134	B-7	do.	do.	PS	53	M	1	July 10, 1953	68	Oct. 1, 1953	1953	1953	1953	1953	1953
N135	B-7	do.	do.	PS	14	UP	1959-62	1	14	Dec. 3, 1953	1953	1953	1953	1953	1953
N136	B-7	do.	do.	PS	61	M	1	July 10, 1953	54	Oct. 1, 1953	1953	1953	1953	1953	1953
N137	B-7	do.	do.	PS	14	UP	1959-62	1	14	Dec. 3, 1953	1953	1953	1953	1953	1953
N138	B-7	do.	do.	PS	0	UP	1959-62	1	14	Dec. 3, 1953	1953	1953	1953	1953	1953
N139	B-7	do.	do.	PS	53	M	1	July 10, 1953	61	Oct. 1, 1953	1953	1953	1953	1953	1953
N140	B-7	do.	do.	PS	0	UP	1959-62	1	14	Dec. 3, 1953	1953	1953	1953	1953	1953
N141	B-7	do.	do.	PS	14	UP	1959-62	1	14	Dec. 3, 1953	1953	1953	1953	1953	1953
N142	B-7	do.	do.	PS	61	M	1	July 10, 1953	54	Oct. 1, 1953	1953	1953	1953	1953	1953
N143	B-7	do.	do.	PS	14	UP	1959-62	1	14	Dec. 3, 1953	1953	1953	1953	1953	1953
N144	B-7	do.	do.	PS	61	M	1	July 10, 1953	54	Oct. 1, 1953	1953	1953	1953	1953	1953
N145	B-7	do.	do.	PS	14	UP	1959-62	1	14	Dec. 3, 1953	1953	1953	1953	1953	1953
N146	B-7	do.	do.	PS	61	M	1	July 10, 1953	54	Oct. 1, 1953	1953	1953	1953	1953	1953
N147	B-7	do.	do.	PS	14	UP	1959-62	1	14	Dec. 3, 1953	1953	1953	1953	1953	1953
N148	B-7	do.	do.	PS	61	M	1	July 10, 1953	54	Oct. 1, 1953	1953	1953	1953	1953	1953
N149	B-7	do.	do.	PS	14	UP	1959-62	1	14	Dec. 3, 1953	1953	1953	1953	1953	1953
N150	B-7	do.	do.	PS	61	M	1	July 10, 1953	54	Oct. 1, 1953	1953	1953	1953	1953	1953
N151	B-7	do.	do.	PS	14	UP	1959-62	1	14	Dec. 3, 1953	1953	1953	1953	1953	1953
N152	B-7	do.	do.	PS	61	M	1	July 10, 1953	54	Oct. 1, 1953	1953	1953	1953	1953	1953
N153	B-7														

Table I.—Summary of chloride concentration and temperature of water from wells in Nassau County, N.Y.—Continued

Well	Map coordinates	Locality	Owner	Use	Screened depth (feet)	Chloride concentration				Water temperature							
						Period of record (years)	No. of samples	Highest of record		Lowest of record		Period of record (years)	No. of samples	Highest of record		Lowest of record	
								Chloride (ppm)	Date	Chloride (ppm)	Date			Temperature (°F)	Date	Temperature (°F)	Date
N1274	C-7	Wantagh	NCDFW	o.	45	1942-62	49	12	1953	2	Dec. 7, 1945	1942-62	59	Oct. 12, 1955	46.0	Nov. 27, 1942	
N1275	B-7	do.	do.	o.	13	1939-62	80	33	Feb. 20, 1951	2	Apr. 1, 1962	1939-62	59	Oct. 12, 1955	42.4	Mar. 1, 1945	
N1276	B-7	do.	do.	o.	14	1939-62	50	1,550	Nov. 1, 1951	2	May 1, 1962	1942-62	50	Oct. 12, 1955	50.0	Mar. 31, 1949	
N1277	B-7	do.	do.	o.	71	1942-62	16	12	Dec. 15, 1953	2	Mar. 21, 1962	1942-62	59	June 15, 1953	50.6	Apr. 6, 1949	
N1278	B-8	Massapequa	do.	o.	14	1939-62	80	15	Jan. 27, 1953	2	Dec. 7, 1945	1939-62	90	Sept. 11, 1957	49.3	Mar. 31, 1941	
N1279	B-8	do.	do.	o.	45	1939-62	80	15	Jan. 27, 1953	2	Dec. 7, 1945	1939-62	90	Oct. 11, 1957	51.2	Mar. 31, 1941	
N1280	C-8	do.	do.	o.	14	1940-54	70	18	June 8, 1954	2	Dec. 7, 1945	1940-57	80	Sept. 27, 1952	49.7	Feb. 27, 1942	
N1281	C-8	do.	do.	o.	46	1939-62	75	17	Dec. 6, 1944	2	Dec. 7, 1945	1939-62	85	Oct. 12, 1955	49.5	Feb. 27, 1942	
N1282	B-7	Wantagh	do.	o.	20	1939-54	73	8,180	Sept. 5, 1952	5	Apr. 1, 1962	1939-54	77	Sept. 21, 1952	50.4	July 1, 1940	
N1283	B-7	do.	do.	o.	32	1939-54	73	9,210	Jan. 1, 1953	5	May 20, 1957	1939-54	78	Sept. 4, 1954	51.8	Jan. 27, 1943	
N1284	B-7	do.	do.	o.	76	1942-54	73	13	Jan. 21, 1953	2	Mar. 21, 1946	1942-54	53	Aug. 26, 1947	52.6	Jan. 27, 1943	
N1285	B-7	do.	do.	o.	19	1939-57	76	13	Jan. 21, 1953	4	Mar. 21, 1946	1939-57	82	Sept. 26, 1952	47.4	Mar. 31, 1941	
N1286	B-7	do.	do.	o.	39	1939-57	80	19	Dec. 6, 1944	3	Dec. 19, 1946	1939-57	83	Oct. 12, 1955	50.5	Mar. 21, 1946	
N1287	B-7	do.	do.	o.	19	1942-57	80	10	Mar. 18, 1948	2	Dec. 7, 1945	1942-57	85	Oct. 10, 1955	50.3	Apr. 4, 1950	
N1288	B-7	do.	do.	o.	19	1939-57	76	32	July 7, 1954	4	Dec. 7, 1945	1939-57	81	Oct. 7, 1955	53.0	Mar. 1, 1945	
N1289	B-7	do.	do.	o.	33	1939-57	73	18	Dec. 17, 1947	2	Mar. 21, 1946	1939-57	53	Sept. 10, 1948	50.0	Mar. 17, 1948	
N1290	B-7	do.	do.	o.	52	1942-57	73	8,5	Dec. 15, 1947	2	Mar. 21, 1946	1942-57	50	Sept. 5, 1952	50.2	Mar. 31, 1945	
N1291	D-5	Pont Washington	Beacon Theater	C	376-401	L	1948-57	3	30	July 13, 1948	6.0	Aug. 12, 1957	1948-57	--	--	--	--
N1292	B-7	Great Neck	Cit. WSC	PS	206-336	L	1932-52	3	9	June 6, 1952	4.9	June 6, 1952	1932-52	1	Nov. 22, 1932	--	--
N1293	B-7	Merrick	NYCM&GE	A	--	1945	--	56	July 10, 1954	5	July 10, 1954	1950-62	3	May 29, 1962	58.7	May 16, 1950	
N1294	D-5	Massapequa	Minhaser-Lakeville WD	PS	652-743	L	1948-61	8	1,3	July 10, 1952	3.4	July 1, 1948	1950-62	3	Sept. 24, 1947	52.4	Sept. 11, 1941
N1295	B-5	Lake Success	Glen Oaks Golf Club	S	178-193	M	1941-55	1	1,3	Sept. 11, 1941	10	Aug. 5, 1941	1941-47	2	Aug. 20, 1947	52.7	Sept. 11, 1941
N1296	B-5	Woodmere	Mill Road Pumping Station	PS	175-196	M	1922-57	38	7	Sept. 11, 1953	2	May 7, 1956	1922-57	--	--	--	--
N1297	B-5	Woodmere	Long Island Water Corp.	O	172-192	J	1958-59	3	8	Aug. 4, 1958	5	May 26, 1958	1958-59	--	--	--	--
N1298	B-5	Garden City	Vill. of Garden City	PS	790-865	L	1940-50	2	28	Nov. 16, 1950	2	June 1940	1940-50	--	--	--	--
N1299	B-5	Cedarhurst	NCDFW	O	38	1953	1	6	Nov. 6, 1953	2	Nov. 6, 1953	1953	--	Nov. 6, 1953	--	--	--
N1300	B-5	Lawrence	do.	o.	29	1953	2	18	Nov. 6, 1953	4	Dec. 14, 1956	1953	--	Nov. 6, 1953	--	--	--
N1301	B-5	Port Washington	E-5	o.	--	1946-56	4	5,470	Apr. 2, 1956	5	Jan. 29, 1956	1946-56	--	Jan. 29, 1956	--	--	--
N1302	B-5	do.	E-5	o.	--	1946-56	5	145	June 10, 1946	6	July 17, 1955	1946-56	2	July 7, 1955	56.1	July 1, 1955	
N1303	B-5	Lakeview	Long Island Water Corp.	PS	146-486	M	1940-60	6	7.0	June 10, 1959	3.4	Aug. 12, 1957	1959-62	2	June 10, 1959	55.9	July 1, 1956
N1304	B-5	do.	Long Island Water Corp.	PS	148-529	M	1922-52	8	6.0	Jan. 18, 1952	3.8	Apr. 21, 1953	1962-62	2	July 18, 1952	56.2	July 1, 1952
N1305	B-5	Lake Success	Matheser-Lakeville WD	PS	1927-57	L	1942-57	4	5	July 27, 1942	3.6	Jan. 17, 1949	1957-62	2	July 27, 1942	56.2	July 1, 1942
N1306	C-5	do.	Matheser-Lakeville WD	PS	1953	L	1953	1	36	Nov. 9, 1953	--	Dec. 2, 1953	1953	--	Nov. 9, 1953	--	--
N1307	B-5	do.	do.	o.	37	1953	2	18	Nov. 9, 1953	4	Dec. 2, 1956	1953	--	Nov. 9, 1953	--	--	
N1308	B-5	Woodmere	Locust Valley WD	PS	1927-50	L	1951-53	1	32	June 30, 1951	16	July 30, 1951	1953-55	2	July 30, 1951	56.4	July 19, 1955
N1309	B-5	do.	Locust Valley WD	PS	1951-53	L	1951-53	6	32	June 30, 1951	16	July 30, 1951	1953-55	2	July 30, 1951	56.4	July 19, 1955
N1310	B-5	do.	Hemstead Tea Shop	PS	385-465	L	1941-51	6	8,2	Aug. 12, 1957	6.0	July 11, 1957	1960	2	Aug. 15, 1960	58.9	July 28, 1955
N1311	B-5	do.	Grumman Aircraft Engineering Corp.	Ind	20-23	UP	1941-52	4	18	Aug. 15, 1944	15	Jan. 9, 1962	1941-52	--	July 13, 1943	57.8	May 10, 1943
N1312	B-5	do.	do.	o.	31	1941-52	4	18	Aug. 15, 1944	15	Jan. 9, 1962	1941-52	--	July 13, 1943	57.8	May 10, 1943	
N1313	B-5	do.	Westbury WD	PS	1944-52	M	1944-52	6	17	Oct. 14, 1946	11	Mar. 10, 1943	1944-52	2	July 13, 1943	51.1	May 10, 1943
N1314	B-5	do.	do.	o.	32	1944-52	3	17	Oct. 14, 1946	15	Oct. 31, 1944	1944-52	2	July 13, 1943	51.1	May 10, 1943	
N1315	B-5	do.	Strathmore Realty Co.	PS	148-466	M	1942-50	7	6,9	Oct. 1, 1946	15	Oct. 31, 1944	1944-52	2	July 13, 1943	51.1	May 10, 1943
N1316	B-5	do.	do.	o.	33	1941-51	1	17	Oct. 1, 1946	15	Oct. 31, 1944	1944-52	2	July 13, 1943	51.1	May 10, 1943	
N1317	C-6	Garden City	Vill. of Garden City	PS	478-518	M	1941-51	1	7.0	Oct. 23, 1957	1	June 19, 1951	1962-62	2	July 13, 1943	51.1	May 10, 1943
N1318	B-5	do.	Port Washington	PS	130-180	L	1941-51	10	11	Sept. 1, 1959	3.0	June 20, 1958	1956-62	3	July 13, 1943	51.1	May 10, 1943
N1319	B-5	do.	do.	o.	45-475	L	1941-51	8	11	Oct. 20, 1941	4	Oct. 20, 1941	1941-51	--	July 13, 1943	51.1	May 10, 1943
N1320	B-5	do.	Strathmore Realty Co.	PS	130-160	M	1941-51	3	17	Jan. 23, 1952	11	Aug. 25, 1944	1941-51	2	July 13, 1943	51.1	May 10, 1943
N1321	B-5	do.	do.	o.	74-94	M	1941-51	1	17	Jan. 23, 1952	11	Aug. 25, 1944	1941-51	2	July 13, 1943	51.1	May 10, 1943
N1322	B-5	do.	do.	o.	80-105	M	1941-52	3	26	Oct. 14, 1946	10	July 25, 1944	1943	2	July 13, 1943	51.1	May 10, 1943
N1323	B-5	do.	Sperry Gyroscope Co.	Ind	601-691	L	1942-62	1	9	July 25, 1944	10	Aug. 20, 1947	1942-62	1	May 29, 1942	--	--
N1324	B-5	do.	do.	o.	192-229	M	1942-62	7	7,8	Apr. 7, 1948	34	Apr. 7, 1948	1942-62	1	May 29, 1942	--	--
N1325	B-5	do.	Grumman Aircraft Engineering Corp.	C	128-164	M	1944-52	2	19	Jan. 23, 1952	3.8	July 25, 1944	1944-52	2	May 29, 1942	--	--
N1326	B-5	do.	Roslyn WD	PS	547-555	L	1937-51	24	10	Mar. 26, 1945	4.8	July 1, 1948	1938-51	14	May 26, 1945	56.5	Jan. 26, 1940
N1327	B-5	do.	do.	o.	46-48	M	1947-51	1	13	Jan. 15, 1947	4.8	July 1, 1948	1938-51	2	May 26, 1945	56.5	Jan. 26, 1940
N1328	B-5	do.	do.	o.	133-163	M	1944-62	2	13	Jan. 23, 1952	9.6	July 25, 1944	1944-62	--	May 26, 1945	--	--

Table I.—Summary of chloride concentration and temperature of water from wells in Nassau County, N. Y.—Continued

Well	Map coordinates	Locality	Owner	Use	Screened depth (feet)	Geologic source	Chloride concentration				Water temperature								
							Period of record (years)	No. of samples	Highest of record Chloride (ppm)	Date	Lowest of record Chloride (ppm)	Date	Period of record (years)	No. of samples	Temperature (°F)	Date			
N1912	D-8	Bethpage	Grumman Aircraft Engineering Corp.	C	119-149	M	1944-62	4	11	Jan. 23, 1962	5.6	Oct. 14, 1946	1943	2	51.5	July 13, 1943	51.1	May 10, 1943	
N1913	D-8	Glen Cove	do.	--	315	M	1944-46	2	6.6	Oct. 14, 1946	6.2	July 25, 1944	--	--	--	--	--	--	
N1917	E-6	Glen Cove	Bethpage	Wah Chang Trading Corp.	119-151	L	1945-57	5	6	Oct. 28, 1945	4.0	Oct. 1, 1945	--	--	--	--	--	--	
N1922	D-8	do.	Grumman Aircraft Engineering Corp.	do.	293-349	M	1943-62	3	4.4	Jan. 9, 1962	3.2	Oct. 20, 1943	1957	1	55.0	Oct. 18, 1957	--	--	
N1923	C-8	Kings Point	U.S. Merchant Marine Academy	G	226-278	L	1948-57	3	13	Oct. 18, 1957	5.8	Sept. 2, 1943	1953	1	55.0	Oct. 18, 1957	--	--	
N1926	D-4	Long Beach	City of Long Beach	PS	1152-1219	L	1943-60	43	8.4	Sept. 2, 1943	2.4	Dec. 6, 1945	1944-59	29	69.4	June 1, 1951	67.0	Dec. 13, 1949	
N1927	B-6	Farmingdale	Vill. of Farmingdale	PS	116-155	M	1952-62	8	11	Aug. 2, 1952	1.4	Oct. 23, 1951	1952	2	52.1	July 18, 1952	51.4	Feb. 21, 1962	
N1928	C-5	New Hyde Park	Jam. WSC	PS	667-727	L	1945-56	7	10	Sept. 12, 1945	3.8	Oct. 25, 1945	1951	1	59.8	May 22, 1952	--	--	
N1950	C-7	Bethpage	Grumman Aircraft Engineering Corp.	D, C	130-160	M	1944-62	3	12	Jan. 9, 1962	6.6	Aug. 25, 1944	1944	--	--	--	--	--	
N1961	D-8	do.	do.	Ind	213-263	M	1962	1	8.2	Jan. 23, 1962	--	--	--	--	--	--	--	--	
N1963	N1965	Farmingdale	Liberty Aircraft Products Corp.	Ind	97-127	M	1962	2	6.8	Jan. 2, 1960	6.0	Feb. 5, 1962	--	--	--	--	--	--	
N1967	C-8	do.	Long Island Lighting Co.	Ind	143-169	M	1960-62	2	6.8	June 2, 1960	6.0	Feb. 5, 1962	--	--	--	--	--	--	
N2002	D-6	Glenwood Landing	Manhasset-Lakeville WD	Ind	436-467	L	1946-57	7	10	Sept. 4, 1946	4.8	Apr. 16, 1948	1950-57	2	56.7	May 16, 1950	29	1962	
N2028	D-5	North Hills	Port Washington WD	PS	190-215	M	1947-61	26	16	Sept. 1, 1959	4.4	Apr. 11, 1948	1948	1	51.9	May 29, 1950	29	1956	
N2045	B-7	Port Washington	Port Washington WD	D	112-122	M	1961-62	2	7.5	Aug. 7, 1962	6	Mar. 11, 1958	1956-62	3	56.7	Sept. 14, 1958	29	1957	
N2052	D-6	Bethpage	Central Park WD	PS	275-325	M	1947-61	26	11	Jan. 10, 1958	4.2	July 28, 1947	--	--	--	--	--	--	
N2056	D-8	Glen Cove	Hicksville WD	--	212	M	1946-61	4	9.4	Dec. 16, 1946	--	--	--	--	--	--	--		
N2071	D-7	Hicksville	Elmont	--	138-159	M	1946-57	4	15	Sept. 16, 1946	3.4	Apr. 16, 1948	1950-57	3	55.8	Apr. 16, 1956	20	1962	
N2115	E-6	Elmont	Jam. WSC	PS	63-83	UP	1952-59	3	17	Sept. 17, 1952	5.2	Feb. 16, 1950	1952	1	52.8	July 20, 1952	55.6	May 16, 1950	
N2116	E-6	Desoris Island	Jam. M. Morgan	G	220	L	1946	2	10	July 25, 1946	1.6	July 25, 1946	1952	1	58.2	May 22, 1952	--	--	
N2117	E-6	Glen Cove	A. M. Low	D	226	L	1946	1	10	Aug. 8, 1946	--	--	--	--	--	--	--	--	
N2120	E-6	Great Neck	Cit. WSC	PS	438	L	1952	1	3.4	Sept. 2, 1952	--	--	--	--	--	--	--	--	
N2214	D-4	Westbury	Westbury WD	PS	236-386	L	1952-57	3	7.4	Sept. 22, 1957	5.2	June 26, 1952	1952	1	55.2	July 27, 1952	56.2	--	
N2236	D-7	West Hempstead	West Hempstead-Hempstead Gardens	PS	520-565	M	1952-61	9	8.8	Sept. 20, 1952	3.6	Nov. 9, 1961	1962	1	54.1	July 28, 1962	54.1	--	
N2239	C-6	Gardens	Gardens WD	PS	138-178	M	1947-62	29	June 26, 1952	11	Mar. 11, 1953	1962	1	54.4	July 17, 1962	54.4	--		
N2400	D-6	Roslyn	Levitt and Sons, Inc.	PS	390-439	M	1960-62	2	6.6	Jan. 17, 1962	6.0	Feb. 18, 1960	1962	1	53.8	May 31, 1962	--	--	
N2422	C-7	Hicksville	do.	PS	164-207	M	1952-61	12	25	Oct. 12, 1957	12	Jan. 21, 1952	--	--	--	--	--	--	
N2423	C-7	do.	Jam. WSC	PS	59-84	UP	1948-61	13	2	4.2	July 8, 1952	9	Sept. 26, 1952	1952	1	57.8	May 22, 1952	56.6	1962
N2424	C-5	do.	Long Island Lighting Co.	PS	478-508	M	1952-55	4	15	Sept. 16, 1953	3.8	Sept. 13, 1953	1952	1	56.6	May 22, 1952	54.6	1962	
N2424	C-5	Glenwood Landing	Long Island Lighting Co.	PS	69-89	UP	1945-50	2	9	July 1, 1949	4.0	May 16, 1950	1950	1	54.6	May 16, 1950	54.6	1950	
N2427	D-6	Williston Park	Vill. of Williston Park	PS	425-459	L	1946-50	6	12	Feb. 20, 1956	10	July 11, 1952	1952	1	54.7	May 28, 1952	54.7	1952	
N2437	D-6	Garden City Park	Garden City Park WD	PS	288-338	M	1952-62	6	12	Feb. 20, 1956	11	July 17, 1952	1952	1	53.4	May 29, 1952	53.4	1952	
N2565	C-6	Valley Stream	Long Island Water Corp.	PS	370-405	M	1952-62	6	12	Feb. 20, 1956	15	July 17, 1952	1952	1	55.4	July 18, 1952	56.2	--	
N2578	C-5	Levittown	Bethpage Realty Corp.	PS	56-88	UP	1952-61	7	41	Aug. 25, 1960	5.2	Nov. 15, 1960	1962	1	52.4	July 17, 1962	52.4	--	
N2581	C-7	do.	do.	PS	312-348	M	1949-59	9	23	Aug. 17, 1949	3.4	Oct. 27, 1949	1948	1	51.0	Apr. 20, 1948	--	--	
N2582	D-7	Long Beach	City of Long Beach	D	55-81	UP	1949-60	25	11	Aug. 20, 1959	3.8	Nov. 16, 1959	1951-62	1	55.9	Sept. 21, 1951	55.0	1957	
N2597	B-5	Westbury	Westbury WD	PS	1175-1235	L	1952-62	11	9.5	July 17, 1956	7.4	May 28, 1952	1952	3	53.5	July 17, 1952	53.5	1962	
N2602	C-7	Massapequa	A. Simpson	D	35-51	UP	1952-56	4	9	April 12, 1962	--	--	--	--	--	--	--	--	
N2603	C-8	Centre Island	Carle Place WD	PS	278-328	M	1954-62	8	15	Feb. 11, 1960	3.5	Jan. 13, 1959	1952	1	53.5	May 22, 1952	53.5	1962	
N2747	C-6	do.	USGS	PS	276-326	M	1954-59	53	17	Feb. 27, 1961	3.5	Jan. 13, 1959	1952	1	53.6	May 22, 1952	53.6	1962	
N2790	C-7	Levittown	Levitt and Sons, Inc.	PS	59-90	M	1949	12	19	June 24, 1954	20	June 16, 1950	1950	2	59.2	Aug. 1, 1950	59.2	1962	
N2791	C-7	Island Park	Mr. Iverson	D	115-121	J	1953	1	10	Aug. 17, 1959	--	--	--	--	--	--	--	--	
N2921	C-7	Sabatry	NCPW	Ind	80-112	M	1961	1	5	Aug. 16, 1960	--	--	--	--	--	--	--	--	
N2923	B-6	Oceanside	Gulf Oil Corp.	Ind	128-138	M	1952-57	4	55	July 11, 1962	50	Mar. 26, 1961	1961	1	54.0	May 14, 1961	54.0	--	
N2948	C-6	Bethpage	do.	U	122-163	M	1952-57	4	17	July 25, 1957	52	July 25, 1957	1952	1	54.0	July 25, 1957	54.0	--	
N3147	D-8	Levittown	Vill. of Mineola	PS	192-233	M	1952-57	4	9.0	July 25, 1957	52	July 25, 1957	1952	1	54.0	July 25, 1957	54.0	--	
N3185	C-6	do.	Minelab	PS	423-463	M	1949-62	10	21	Jan. 3, 1962	52	Jan. 15, 1952	1952	1	54.0	Jan. 15, 1952	54.0	--	

Table I.--Summary of chloride concentration and temperature of water from wells in Nassau County, N.Y.--Continued

Well	Map coordinates	Locality	Owner	Use	Screened depth (feet)	Chloride concentration				Water temperature			
						Period of record (years)	No. of samples	Highest of record Chloride (ppm)	Date	Lowest of record Chloride (ppm)	Date	Period of record (years)	No. of samples
N3193	C-7	Levittown	Levitt and Sons, Inc.	PS, G	259-301	M	1949-58	6	12	Nov. 4, 1957	5.0	July 28, 1949	--
N3194	C-7	do.	County of Nassau	PS, G	248-255	M	1949-61	12	8	Jan. 21, 1952	3.0	July 7, 1953	--
N3243	C-7	Salt Spring	W.H. Clurman	Ind	116-120	M	1960-62	2	4.4	Feb., 1952	4.2	Oct., 1960	--
N3246	B-5	Lawrence	Colonial Sand and Stone Co., Inc.	U	193-205	M	1961-62	5	36	Sept., 1951	20	Apr., 1961	--
N3311	D-6	Port Washington	do.	Ind	193-205	M	1956-57	3	45	Oct., 1957	8	Apr., 1956	1956
N3312	C-7	Levittown	County Community Corp.	PS	223-304	M	1952-62	9	8	Feb., 1952	4	Jan. 21, 1952	--
N3313	C-7	do.	New York Telephone Co.	G	64-95	M	1952-62	9	18	Jan. 15, 1952	13	Mar. 31, 1953	--
N3314	B-6	Lynbrook	Long Island Water Corp.	PS	387-438	UP	1952	1	22	Sept., 1952	3	Jan. 18, 1952	--
N3327	C-5	Valley Stream	USGS	1070-1090	M	1956-61	10	7	Aug., 1958	3	Jan. 18, 1952	--	
N3355	D-8	Plainview	NYSD	106-161	M	1951-61	1	4.5	June 25, 1951	--	June 25, 1961	1951-62	
N3327	C-8	Wantagh	Cit. of N.Y.C.	PS	423-463	M	1953-62	5	5.6	June 26, 1952	4.6	June 21, 1954	--
N3443	D-5	Great Neck	City of Long Beach	PS	1952-62	M	1952-62	10	10	Mar. 24, 1960	6.2	June 20, 1951	--
N3448	B-5	Long Beach	East Meadow MD	PS	1193-1233	L	1952-61	9	10	May 17, 1950	10	June 1, 1952	66.7
N3456	C-7	East Meadow	PS	260-320	M	1952-61	9	17	Mar. 1, 1961	6.2	April 26, 1952	Sept. 11, 1952	
N3457	C-7	do.	PS	365-380	M	1952-61	7	5.4	Nov. 6, 1957	4.0	Mar. 23, 1953	--	
N3527	E-5	Port Washington	Penn. Stevedoring Corp.	Ind	365-500	M	1951-57	4	80.0	Feb., 1957	273	Nov. 29, 1954	--
N3633	C-7	Wantagh	NYSD	277-303	M	1952-62	8	16	Feb., 1962	3.8	Apr. 10, 1952	1952	
N3635	C-7	East Meadow	PS	275-315	M	1952-61	7	8.4	Apr., 1958	3.6	Apr. 26, 1952	1962	
N3643	D-7	Wheatley	Jericho MD	PS	152-512	M	1922-61	7	2.8	July 15, 1957	4.0	Mar. 16, 1954	1960
N3647	D-7	do.	Oyster Bay WD	PS	312-482	M	1952-61	7	8	Feb., 1962	4.6	Mar. 18, 1954	50.4
N3648	E-7	Oyster Bay	Hicksville WD	PS	115-165	M	1952-61	3	6.4	June 20, 1960	5.4	Mar. 30, 1951	52.7
N3648	C-7	Hicksville	Town of Oyster Bay	PS	318-338	M	1950-62	10	26	Aug. 31, 1960	16	July 17, 1962	54.4
N3620	C-6	Lakeview	Long Island Water Corp.	PS	125-370	M	1956	1	11	July 10, 1956	--	July 20, 1962	54.4
N3223	D-5	Munsey Park	Manhasset-Lakeville WD	PS	293-320	M	1951-61	8	--	--	--	July 10, 1956	54.4
N3229	B-6	Long Beach	Lido Theater	C	93-100	UP	1956-61	4	8.0	Apr., 1960	5.6	Aug. 16, 1951	54.4
N3240	D-5	Plandome	VII. of Plandome	PS	116-162	M	1922-62	7	3.900	July 11, 1962	3.900	Aug. 22, 1961	54.4
N3252	C-7	Hicksville	Hicksville WD	PS	92-152	M	1920-62	10	15	Apr. 31, 1960	12	Dec. 1, 1952	52.0
N3253	C-7	do.	PS	107-200	M	1920-62	7	16	Sept. 19, 1956	5.6	Sept. 22, 1950	54.4	
N3647	E-7	Oyster Bay	PS	88-118	M	1954-61	3	6.4	June 26, 1960	4.6	June 26, 1954	54.4	
N3648	C-8	Wantagh	PS	28-69	M	1953-59	8	20	June 26, 1957	13	June 21, 1954	54.4	
N3603	C-5	Franklin Square	Franklin Square WD	PS	443-493	M	1922-57	5	6.6	Dec. 17, 1957	3.6	Mar. 26, 1953	54.4
N3605	C-5	do.	PS	438-494	M	1922-57	5	7.0	Dec. 17, 1957	4.4	Mar. 26, 1953	54.4	
N3605	C-5	do.	PS	400-440	M	1922-57	8	6.4	July 28, 1952	3.4	May 6, 1953	54.4	
N3618	C-6	Hempstead	Levitt and Sons, Inc.	PS	379-420	M	1929-61	3	4.0	Apr. 10, 1958	3.6	Nov. 29, 1952	54.4
N3668	C-6	Garden City Park	Garden City Park WD	PS	149-199	M	1923-61	7	4.8	Jan. 6, 1958	3.8	Mar. 31, 1955	54.4
N3672	D-5	Garden City Park	do.	PS	388-425	M	1923-61	9	11	Jan. 8, 1960	4.2	June 22, 1956	55.0
N3673	D-5	do.	PS	388-425	M	1923-61	3	10	Jan. 10, 1961	5.4	July 17, 1952	55.0	
N3680	C-6	Wantagh	PS	270-325	M	1922-60	4	4.0	July 1, 1959	3.6	Oct. 27, 1953	55.0	
N3685	C-6	Hempstead	PS	40-56	UP	1956	1	20	Aug. 19, 1956	17	July 17, 1952	55.0	
N3687	B-6	Long Beach	City of Long Beach	PS	1195-1245	L	1951-62	26	10	Aug. 1, 1953	3.6	Nov. 6, 1961	55.0
N3692	C-6	Mitchell Field	U.S. Government	PS	470-500	M	1922-60	6	6.0	Oct. 22, 1958	3.8	Feb. 1, 1952	55.0
N3696	C-6	do.	PS	41-434	M	1922-60	6	11	Oct. 2, 1957	5.0	Oct. 28, 1952	55.0	
N3697	C-6	do.	PS	402-432	M	1922-60	5	7.2	Oct. 1, 1953	4.5	Feb. 28, 1950	55.0	
N3698	C-6	do.	PS	442-472	M	1922-60	7	7.2	Oct. 1, 1953	5.0	Oct. 28, 1952	55.0	
N3704	C-6	Hempstead Gardens	West Hempstead-Hempstead Gardens, WD	PS	107-160	UP	1952-61	8	14	Oct. 21, 1959	8.4	Jan. 9, 1952	55.0
N3707	B-5	Hewlett	NYSD	0	13	UP	1951-53	7	24	May 22, 1955	5	Mar. 2, 1951	55.0
N3708	B-5	Valley Stream	do.	--	18	--	1951-55	8	450	July 1, 1953	12	Mar. 2, 1951	55.0
N3709	B-5	Woodmere	do.	--	19	--	1951-55	8	4,200	Nov. 22, 1953	14	Mar. 2, 1951	55.0
N3710	B-5	Valley Stream	do.	--	18	--	1951-53	6	102	July 1, 1953	14	Mar. 31, 1951	55.0
N3711	E-5	Port Washington	Port Washington Sewer District	U	36-46	UP	1952-53	2	3,100	Mar. 9, 1953	2,900	Aug. 5, 1952	55.0
N3712	E-5	Levittown	Jam. WSC	0	13	UP	1952-54	7	1	Mar. 1, 1951	2	Mar. 2, 1951	55.0
N3720	C-5	Franklin Square	do.	--	18	--	1951-55	3	1	Mar. 1, 1951	2	Mar. 2, 1951	55.0
N3732	D-6	Albertson	Albertson MD	PS	310-350	M	1954-62	6	6.2	Feb. 14, 1955	5.8	May 8, 1959	56.3
N3733	D-6	do.	PS	10-450	M	1952-62	7	7.0	Feb. 14, 1955	5.8	May 8, 1959	56.3	
N3734	B-5	Peninsula Laundry	Peninsula of Rockville Centre	Ind	106-126	J	1956-61	2	56	Sept. 28, 1951	5.0	Feb. 2, 1950	56.3
N3747	C-6	Rockville Centre	111. V.I. of Rockville Centre	PS	542-592	M	1922-62	14	12	Sept. 8, 1952	3.8	Nov. 10, 1953	56.3
N3750	C-8	Levittown	NYSD	89-142	M	--	--	--	--	--	--	--	55.5

Table I.--Summary of chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

Well	Map coordinates	Locality	Owner	Use	Screened depth (feet)	Geologic source	Period of record (years)	Chloride concentration			Water temperature		
								No. of samples	Chloride (ppm)	Date	Chloride (ppm)	Date	No. of samples
N3781	C-5	Valley Stream	Long Island Water Corp.	PS	350-112	M	1953-62	7	5.6	Oct. 3, 1955	4.0	Apr. 27, 1953	--
		do.	Sun Oil Co.	Ind	74-81	N	1954-61	5	5.4	Aug. 29, 1960	4.0	Sept. 13, 1954	1962
N3831	C-5	Oceanside	Long Island Water Corp.	PS	63-89-8	M	1961	3	58	Mar. 30, 1961	--	July 18, 1962	--
N3832	C-6	Roosevelt	Long Island Water Corp.	PS	522-533	M	1952-62	70	16.70	May 18, 1953	15.20	Nov. 26, 1953	1962
N3861	B-5	Cedarhurst	Lawrence	PS	256-197	M	1952-62	79	2,300	Aug. 12, 1953	1,800	Nov. 26, 1952	1952-56
N3862	B-5	Lawrence	Woodmere	PS	463-474	M	1952-59	79	8	Feb. 18, 1953	2	Oct. 20, 1952	1952-59
N3864	B-6	Oceanside	Hawthorne	PS	525-565	M	1952-60	63	8	Feb. 18, 1953	2	Oct. 20, 1952	1952-54
N3865	B-6	Oceanside	Hawthorne	PS	400-412	M	1952-59	46	7	Oct. 10, 1953	3	Nov. 20, 1952	1952-54
N3866	B-5	Valley Stream	Bethpage Wd.	PS	506-518	M	1952-60	52	8	June 15, 1953	3	Dec. 30, 1952	1952-54
N3867	B-5	Bethpage	Hicksville Wd.	PS	328-386	M	1952-61	10	7.0	Oct. 1, 1952	1.6	May 23, 1952	1962
N3876	C-8	Hicksville	Vill. of Garden City	PS	375-128	M	1952-61	7	7.0	Oct. 1, 1952	1.6	May 23, 1952	1962
N3878	D-7	Garden City	NWSD	PS	426-466	M	1953-61	6	6.6	Nov. 29, 1957	3.6	May 23, 1953	1962
N3881	C-5	Garden City	NWSD	PS	412-150	M	1952-62	2	10	July 26, 1954	9.6	May 23, 1952	1962
N3886	C-6	Nasapequa	Glen Cove	PS	139-173;	M	1952-62	9	19	Feb. 21, 1962	1.7	July 7, 1954	1962
N3894	C-7	Levittown	North Merrick	PS	120-147;	M	1953-62	4	5.0	Feb. 21, 1962	--	July 17, 1962	--
N3893	C-8	Levittown	do.	PS	312-367	M	1953-62	4	5.0	Feb. 21, 1962	--	July 17, 1962	--
N3895	C-7	North Bellmore	Manhasset-Lakeville Wd.	PS	377-144	M	1953-59	4	6.0	Nov. 15, 1955	4.2	June 19, 1959	1962
N3932	D-5	Lake Success	Cedarhurst	PS	165-169	J	1952-61	4	7.8	Feb. 19, 1953	2	Mar. 7, 1952	1952-59
N3934	C-6	Garden City	Vill. of Garden City	PS	377-417	M	1953-61	6	18	Oct. 11, 1961	7	June 4, 1953	1962
N3935	C-6	Garden City	do.	PS	368-408	M	1953-61	7	11	Nov. 12, 1957	6.7	June 5, 1956	1962
N3937	C-5	Malverne	Long Island Water Corp.	PS	359-443	M	1952-62	7	13	Apr. 1, 1953	3.6	Aug. 22, 1950	1962
N3933	D-7	Hicksville	Hicksville Wd.	PS	159-213	M	1952-61	7	12	Apr. 13, 1953	7.2	Aug. 11, 1954	1962
N4010	C-8	Farmingdale	Liberty Products Corp.	Ind	371-419	M	1961	1	Jan. 4, 1961	--	May 14, 1954	1952-60	
N4026	B-5	Woodbury	USGS	PS	151-151	J	1952-62	28	8 1/4	Apr. 9, 1959	3	May 14, 1959	1960
N4012	C-8	Farmingdale	South Farmingdale Wd.	PS	265-194	M	1953-61	7	9.8	Sept. 30, 1954	3	May 18, 1959	1962
N4013	C-8	do.	Nassau County Sanatorium	PS	317-669	M	1952-60	2	9	Aug. 2, 1959	8	May 16, 1959	1962
N4017	D-8	Plainview	do.	PS	191-215	---	1952-60	24	49 2/	Aug. 12, 1959	15	Nov. 2, 1953	1953-56
N4022	B-5	Lawrence	Bethpage Wd.	PS	165-165	J	1953-62	5	17	Sept. 30, 1953	12	June 12, 1953	1962
N4033	D-5	Bethpage	Walter Graw	PS	139-233	M	1953-62	5	8	Apr. 12, 1962	--	July 1, 1962	--
N4073	E-7	Centre Island	PS	360-380	M	1954-59	4	19	Feb. 14, 1955	5.4	Apr. 26, 1954	1962	
N4077	C-5	Floral Park	PS	265-162	M	1954-61	5	6.8	Aug. 23, 1955	4.4	Mar. 10, 1960	1962	
N4082	D-6	Mineola	PS	440-490	M	1953-61	4	4.2	Sept. 9, 1957	3.2	Aug. 3, 1953	1962	
N4092	D-8	Plainview	do.	PS	144-194	M	1952-61	4	4	Aug. 3, 1954	3.8	Dec. 17, 1951	1962
N4097	D-8	do.	PS	143-163	M	1953-61	5	4.6	Sept. 13, 1953	3.8	Dec. 17, 1951	1962	
N4118	C-6	Hempstead	West Hempstead-Hempstead	PS	146-204	M	1954-61	6	57	Feb. 23, 1954	24	Oct. 18, 1961	1962
N4132	B-6	Baldwin	Gardens Wd.	Ind	230-265	M	1961	1	5	Jan. 4, 1961	--	July 17, 1962	--
N4133	B-7	Locust Grove	Long Island Water Corp.	PS	269-599	M	1953-62	8	5.6	Oct. 3, 1955	3.6	Aug. 4, 1954	1962
N4165	D-8	Bethpage	Jericho Wd.	PS	400-450	M	1954-62	6	18	Feb. 21, 1962	4.2	April 20, 1954	1962
N4166	B-7	Merrick	Barthpage Wd.	PS	176-235	M	1955-61	7	17	June 8, 1960	2.5	Sept. 22, 1956	1962
N4167	B-7	Freeport	do.	PS	516-526	M	1955-57	5	8	Nov. 1, 1959	3	Sept. 30, 1953	1953-57
N4206	D-6	Carle Place	Carle Place Wd.	PS	729-745	M	1954-62	8	11	Feb. 27, 1961	6.2	June 3, 1954	1962
N4223	B-5	Valley Stream	Port Washington Wd.	PS	277-330	P	1954-61	52	28	July 10, 1954	5.8	Dec. 15, 1954	1962
N4223	D-5	Port Washington	Manhasset-Lakeville Wd.	PS	205-255	M	1954-62	30	21	Aug. 7, 1959	12	June 13, 1954	1962
N4243	E-5	Lake Success	Port Washington Sewer	PS	131-141	P	1954-62	5	13	Sept. 13, 1953	18	July 3, 1954	1962
N4244	D-6	Port Washington	District	PS	305-355	M	1954-62	8	11	Feb. 27, 1961	6.2	June 3, 1954	1962
N4245	D-7	Jericho	Jericho Wd.	PS	137	J	1955-62	5	12	May 16, 1960	5.2	Jan. 3, 1955	1962
N4246	D-7	do.	do.	PS	403-515	M	1954-61	4	11	July 15, 1957	4.6	Oct. 20, 1954	1962
N4246	D-7	Roslyn	Roslyn Wd.	PS	435-485	M	1954-62	5	5.2	April 14, 1954	3.2	Apr. 6, 1954	1962
N4265	D-5	Great Neck	USGS	PS	377-392	L	1954	4.5	Nov. 29, 1954	--	May 31, 1954	1962	
N4266	C-5	Floral Park	Jan. WSC	PS	319-384	M	1954-62	4	16	Dec. 18, 1957	6.0	Apr. 26, 1954	1962
N4267	D-5	Albertson	Albertson Wd.	PS	325-325	M	1954-62	3	12	Sept. 17, 1957	3.4	Jan. 17, 1955	1962
N4268	D-5	Great Neck	Cit. WSC	PS	325-325	M	1954-62	3	12	Mar. 26, 1960	2	May 25, 1954	1962

<sup>1</sup> Highest reliable concentration given, contamination due to nearby construction.  
<sup>2</sup> Highest reliable concentration given, history of leaky casing.

Table I.--Summary of chloride concentration and temperature of water from wells in Nassau County, N.Y.--Continued

Well	Map coordinates	Locality	Owner	Use	Screened depth (feet)	Geologic source	Period of record (years)	Chloride concentration				Water temperature						
								No. of samples	Chloride (ppm)	Highest of record		Lowest of record		No. of samples	Temperature (°F)	Date	Lowest of record	
										Date	Chloride (ppm)	Date	Chloride (ppm)					
NH-389	E-5	Sands Point	Vil. of Sands Point	PS	150-176; 208-224	P	1924-62	3	12	Jan.	11, 1956	10	Nov.	23, 1954	1962	July 25, 1962	--	
NH-390	D-5	New Hyde Park	Jam. WSC	PS	184-195	up	1924-61	4	16	Sept.	15, 1959	9	June	1, 1954	1962	May 22, 1962	--	
NH-393	B-5	Lynbrook	Long Island Water Corp.	PS	142-174	M	1924-61	5	12	Oct.	3, 1955	3.2	June	21, 1954	1962	July 18, 1962	--	
NH-394	C-5	Malverne	Oyster Bay WD	PS	1924-62	M	1924-61	2	12	Aug.	5, 1954	11	July	7, 1954	1962	--	--	
NH-400	E-7	Atiantic Beach	Long Island Water Corp.	PS	995-1065	L	1924-62	18	16	July	23, 1957	9.4	June	28, 1954	1962	--	--	
NH-405	B-5	Lynbrook	do.	PS	480-505	M	1924-60	3	4.4	Aug.	1, 1954	3.8	June	28, 1954	1962	July 18, 1962	--	
NH-411	B-5	Hempstead	Vil. of Hempstead	PS	325-365	M	1924-62	6	7.2	Dec.	19, 1957	6.0	Oct.	25, 1961	1962	July 17, 1962	--	
NH-425	C-6	East Meadow	East Meadow WD	PS	280-320	M	1924-61	4	7.4	Oct.	17, 1951	4.4	April	1, 1954	1962	July 17, 1962	--	
NH-427	C-7	Levittown	do.	PS	1925-61	M	1925-61	5	7.0	Feb.	23, 1955	3.2	Oct.	26, 1961	1962	July 17, 1962	--	
NH-428	C-7	Levittown	Levittown WD	PS	415-466	M	1925-61	2	4.0	Feb.	3, 1950	3.8	Nov.	10, 1961	1962	July 17, 1962	--	
NH-429	N-50	Wantagh	NYMSD	PS	343-399	M	1925-61	1	4.0	June	26, 1950	--	May	17, 1952	1962	July 17, 1962	--	
NH-430	C-8	Valley Stream	Jam. WSC	PS	106-136	M	1924-59	5	7.0	June	26, 1959	5.2	June	26, 1954	1962	July 17, 1962	--	
NH-435	B-7	Jones Beach	Long Island State Park Comm.	PS	151-172	M	1924-59	5	4.6	Sept.	1, 1954	--	Apr.	5, 1954	1962	May 22, 1962	--	
NH-446	B-7	Great Island	do.	PS	1-157	N	1924	5	8	Feb.	3, 1954	6	Apr.	5, 1954	1962	Apr. 5, 1962	--	
NH-447	B-7	Jones Beach	Nick DiBaise	PS	282-444	M	1924-50	6	14	Aug.	29, 1957	4.0	Oct.	18, 1954	1962	May 22, 1962	--	
NH-448	B-6	Massapequa	Massapequa WD	PS	112-184	M	1924-51	6	14	July	11, 1950	11	July	16, 1954	1962	July 17, 1962	--	
NH-452	C-8	Roslyn Estates	do.	PS	435-485	M	1925-62	4	6	Apr.	16, 1956	5	May	23, 1955	1962	May 31, 1962	--	
NH-462	D-6	Hicksville	Pittsburgh Plate Glass Co.	Ind	149-169	M	1924-62	1	9.2	Jan.	30, 1962	--	--	--	--	--	--	--
NH-465	D-7	East Hempstead	Unionland WD	PS	245-308	M	1924-61	5	4.8	Mar.	2, 1954	6	Apr.	2, 1954	1964	May 22, 1964	--	
NH-476	C-7	Port Washington	do.	PS	267-319	M	1925-61	6	6	June	7, 1955	3.6	Nov.	7, 1957	1962	July 17, 1962	--	
NH-477	C-7	Port Washington	Port Washington WD	PS	363-441	M	1925-61	7	5.2	Mar.	6, 1956	3.2	Oct.	25, 1961	1962	July 17, 1962	--	
NH-478	C-7	Port Washington	do.	PS	289-355	M	1925-61	5	4.6	May	2, 1956	3.2	Oct.	25, 1961	1962	July 17, 1962	--	
NH-479	E-5	Port Washington	do.	PS	325-385	J	1925-61	20	5.6	Aug.	12, 1957	4.8	June	15, 1955	1955	Sept. 25, 1955	Sept. 25, 1955	
NH-480	E-5	Westbury	Westbury WD	PS	60-90	up	1925-61	4	30	Oct.	15, 1960	5.0	Nov.	3, 1956	1956	Oct. 5, 1956	Oct. 5, 1956	
NH-497	D-7	Lake Success	Wahnasseet-Lakawalkie WD	PS	1925-62	M	1925-60	3	5.8	July	20, 1961	5.8	Nov.	29, 1961	1962	July 25, 1962	--	
NH-499	B-5	Long Island Park	Long Island Water Corp.	PS	481-542	M	1925-60	3	4.2	June	1, 1956	5.2	Aug.	2, 1956	1962	July 17, 1962	--	
NH-502	C-5	South Farmingdale	South Farmingdale WD	PS	165-219	M	1925-61	6	6.5	Aug.	5, 1958	4.2	May	19, 1955	1962	July 18, 1962	--	
NH-503	C-8	Locust Valley	Locust Valley WD	PS	297-331	M	1925-61	4	21	Dec.	1, 1956	4.6	Sept.	16, 1957	1962	July 18, 1962	--	
NH-507	E-6	Baldwin	Long Island Water Corp.	PS	268-323	M	1925-61	5	9.2	July	18, 1956	7.2	July	26, 1960	1962	July 17, 1962	--	
NH-513	B-6	Elmont	Jam. WSC	PS	70-90	up	1925-61	2	15	July	14, 1958	7.4	May	18, 1955	1962	July 18, 1962	--	
NH-515	C-5	Garden City	do.	PS	201-331	M	1925-61	2	14	June	27, 1959	8.6	Oct.	8, 1956	1962	July 17, 1962	--	
NH-516	C-5	Valley Stream	Long Island Water Corp.	PS	425-575	M	1925-61	5	6.8	Nov.	20, 1957	5.5	Sept.	26, 1961	1962	July 18, 1962	--	
NH-517	C-8	Roosevelt	South Farmingdale do.	PS	450-550	M	1925-61	4	4.4	June	20, 1957	3.8	Sept.	26, 1961	1962	July 18, 1962	--	
NH-518	C-8	Rockville Centre	do.	PS	455-515	L	1925-62	7	8	July	9, 1958	3.4	Aug.	20, 1961	1962	July 17, 1962	--	
NH-519	B-6	Rockville Centre	do.	PS	305-335	M	1925-62	4	7	July	9, 1958	3.6	Feb.	19, 1956	1962	July 17, 1962	--	
NH-520	D-6	Roslyn Harbor	Jenicho WD	PS	434-504	L	1925-61	3	4.8	May	9, 1960	4.4	July	18, 1957	1962	July 17, 1962	--	
NH-526	C-6	Point Lookout	Port Washington WD	PS	250-289	M	1925-61	29	15	May	10, 1959	5.4	May	23, 1956	1962	July 22, 1962	--	
NH-529	B-5	Monaco Surf Club	do.	PS	1150-1250	L	1925-61	3	6	Aug.	12, 1958	2.0	Apr.	8, 1959	1962	July 22, 1962	--	
NH-533	B-6	North Bellmore	NYMSD	PS	517-547	M	1925-62	10	10	Aug.	22, 1951	3.0	May	5, 1960	1959	Aug. 12, 1959	Aug. 12, 1959	
NH-539	C-7	West Hempstead	West Hempstead-Hempstead Gardens	PS	24-308	M	1925-61	5	8.2	June	7, 1955	7.0	June	13, 1959	1962	July 17, 1962	--	
NH-540	C-7	Glen Cove	Glen Cove WMSD	PS	131-170;	up	1925-62	13	15	May	25, 1954	8.4	June	13, 1960	1962	May 31, 1962	--	
NH-541	E-6	Levittown	Levittown WD	PS	182-195	M	1925-62	14	14	Feb.	21, 1962	5.0	May	28, 1956	1962	Feb. 21, 1962	Feb. 21, 1962	
NH-542	C-7	Levittown	Levittown do.	PS	321-377	M	1925-61	5	6	May	20, 1956	5.0	May	28, 1956	1962	May 20, 1962	May 20, 1962	
NH-543	C-7	Levittown	Levittown do.	PS	431-484	M	1925-62	6	6	June	21, 1962	3.6	June	20, 1956	1962	June 21, 1962	June 21, 1962	
NH-544	C-7	Levittown	Levittown do.	PS	454-506	M	1925-62	4	3.4	Sept.	14, 1961	3.4	Sept.	14, 1961	1962	Sept. 14, 1962	Sept. 14, 1962	

Table I.--Summary of chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

Well	Map coordinates	Locality	Owner	Use	Screened depth (feet)	Geologic source	Chloride concentration			Water temperature					
							Period of record (years)	No. of samples	Chloride (ppm)	Highest of record			Temperature (°F)	Date	
										Date	Chloride (ppm)	Date	Chloride (ppm)		
N5305	D-8	Bethpage	Grumman Aircraft Engineering Corp., do.	Ind	116-167	M	1962	1	15	Jan. 23, 1962	--	--	--	--	
N5306	D-8	do.	City of Long Beach	Ind	173-204;	M	1962	1	9.8	Jan. 23, 1962	--	--	--	--	
N5308	B-6	Long Beach East Meadow	East Meadow ND	PS	233-255; 1160-1220	L	1955-62	7	6.5	July 31, 1962	1.8	July 16, 1962	1959-62	3 Aug. 20, 1959	
N5318	C-7	do.	do.	PS	260-310	M	1951-62	4	4.6	Nov. 7, 1957	3.6	Feb. 20, 1962	1959-62	--	
N5320	C-7	do.	do.	PS	319-379	M	1951-62	2	4.4	Oct. 11, 1956	3.6	Nov. 21, 1962	1959-62	--	
N5321	C-7	do.	do.	PS	449-509	M	1956-62	4	3.8	July 11, 1958	3.4	June 12, 1958	1959-62	--	
N5322	C-7	do.	Hicksville WD	PS	470-510	M	1956-61	3	3.6	June 12, 1958	2.8	May 22, 1956	1959-62	--	
N5336	C-7	Hicksville	do.	PS	472-523	M	1957-62	7	15	June 12, 1958	2.8	May 22, 1956	1959-62	--	
N5328	D-5	North Hills	Manhasset-Lakeville WD	PS	430-450	M	1955-61	4	5.6	Aug. 31, 1955	5.8	Feb. 20, 1957	1959-62	--	
N5330	D-5	Port Washington	Port Washington WD	D	272-326	L	1955-61	7	8	June 10, 1957	6.8	Dec. 11, 1955	1959-62	--	
N5396	C-6	Mineola	Vill. of Mineola	PS	403-463	M	1956-61	5	9.4	Oct. 7, 1957	6.8	Dec. 11, 1955	1959-62	--	
N53D3	D-5	Garden City Park	Garden City Park WD	PS	365-415	M	1957-62	4	26	Sept. 26, 1957	6.0	Feb. 25, 1960	1959-62	--	
N5353	C-6	South Hempstead	Long Island Water Corp.	PS	537-559	M	1956-62	6	5.4	Jan. 14, 1958	3.8	Mar. 15, 1958	1959-62	--	
N5394	C-6	Westbury	Westbury WD	PS	275-335	M	1956-61	9	36	May 14, 1956	5.8	Nov. 20, 1959	1959-62	--	
N5655	D-7	do.	do.	PS	205-255	M	1956-62	10	8	Feb. 21, 1957	4.3	Mar. 28, 1957	1959-62	--	
N5656	B-6	Lakeview	Long Island Water Corp.	PS	445-495	M	1956-62	4	4.4	June 17, 1956	3.6	Mar. 1, 1962	1959-62	3 Mar. 26, 1957	
N5695	B-6	Fredonia	Vill. of Freeport	PS	465-505	M	1957-62	6	8.0	July 10, 1958	3.2	Feb. 8, 1962	1959-62	--	
N5696	B-7	do.	Massapequa	PS	468-518	M	1957-62	7	8.0	July 10, 1958	3.6	Feb. 8, 1962	1959-62	--	
N5703	C-8	Massapequa	Massapequa WD	PS	384-414	M	1956-61	5	4.8	Aug. 29, 1957	4.0	Oct. 18, 1961	1959-62	--	
N5710	D-5	Lake Success	Manhasset-Lakeville WD	PS	322-355	P	1957-61	5	8.4	Sept. 30, 1957	7.2	Apr. 7, 1960	1957-62	2 May 29, 1962	
N5762	E-6	Glen Cove	NYSDM	PS	221-250	M	1956-61	6	13	June 13, 1956	7.0	Sept. 7, 1956	1957-62	2 May 29, 1962	
N5767	C-8	Wantagh	do.	PS	305-315	M	1956-62	4	4.0	June 14, 1956	3.2	Feb. 21, 1962	1959-62	1 July 17, 1962	
N5768	B-6	Lido Beach	Shelburne Grand Hotel	C	334-346	M	1959-62	7	16	Aug. 12, 1959	7	May 5, 1960	1962	--	
N5792	E-6	Sea Cliff	Cliff Water Co.	PS	508-530	M	1957-62	4	8.6	Aug. 11, 1960	5.6	Mar. 6, 1957	1962	--	
N5848	C-8	Massapequa	NYSDM	PS	252-295	M	1957-62	5	7.0	Jan. 22, 1958	5.2	Apr. 30, 1957	1962	--	
N5852	D-6	East Hills	Baylyn WD	PS	305-335	M	1957-62	3	5.2	May 11, 1957	4.5	Dec. 20, 1957	1957-62	2 May 27, 1957	
N5876	D-5	Port Washington	Port Washington WD	PS	168-238	M	1957-61	11	11	July 10, 1959	4.0	Sept. 1, 1959	1959-62	2 May 31, 1962	
N5884	D-5	Great Neck	Cit. WSC	PS	92-107	M	1956-57	2	7.2	May 9, 1957	6.2	Sept. 6, 1956	1959-62	2 May 31, 1962	
N5907	B-5	Long Beach	Albertson WD	C	117-163	M	1961	3	980	Oct. 20, 1961	7.0	Mar. 28, 1961	1957-62	2 June 6, 1957	
N5947	D-6	Plainview	Mill Neck Estates	PS	295-365	up	1957-62	5	4.4	Sept. 17, 1957	4.0	Oct. 1, 1957	1957-62	2 June 14, 1957	
N5948	E-7	do.	Plainview	PS	312-337	L	1957-61	2	5.4	Oct. 1, 1957	4.0	Dec. 13, 1959	1957-62	2 June 14, 1957	
N5976	D-8	Bethpage	Bethpage WD	PS	296-338	M	1957-61	3	4.2	June 12, 1957	4.8	Aug. 8, 1957	1957-62	2 June 14, 1957	
N5977	E-7	Port Washington	Port Washington WD	PS	229-275	M	1957-61	3	9.0	Nov. 14, 1957	3.2	June 20, 1961	1957-62	2 June 14, 1957	
N5987	E-5	Centre Island	J. Townsend	PS	56-85	up	1957-61	32	24	July 10, 1959	8.6	June 13, 1960	1957-62	2 June 14, 1957	
N6091	D-8	Woodbury	Jericho WD	D	78-105	up	1952-61	1	14	Apr. 12, 1962	8.0	June 13, 1957	1957-62	2 June 14, 1957	
N6092	D-8	do.	do.	PS	56-151	M	1957-62	4	7.4	Feb. 21, 1962	5.0	July 15, 1957	1957-62	2 June 14, 1957	
N6093	D-8	Lakeview	Long Island Water Corp.	PS	246-306	M	1958-60	2	6.2	Mar. 4, 1958	5.6	May 16, 1960	1957-62	2 June 14, 1957	
N6148	C-8	South Farmingdale	South Farmingdale WD	PS	462-489	M	1957-62	4	5.4	Aug. 23, 1957	3.8	June 30, 1958	1957-62	2 June 14, 1957	
N6149	C-8	do.	do.	PS	533-561	M	1957-61	3	5.4	June 24, 1957	4.6	Dec. 4, 1961	1957-62	2 June 14, 1957	
N6150	E-5	Hicksville	Hicksville ND	Ind	542-507	M	1960-61	2	3.6	Dec. 4, 1960	3.0	Mar. 16, 1960	1962	--	
N6190	D-7	do.	do.	PS	550-600	M	1960-61	2	4.2	Feb. 16, 1960	3.8	Nov. 20, 1961	1962	--	
N6191	D-7	do.	do.	PS	390-451	M	1960-62	3	8	Feb. 21, 1962	3.6	Nov. 20, 1961	1962	--	
N6192	D-7	do.	do.	PS	545-587	M	1960-61	2	8.2	Nov. 20, 1961	4.6	Feb. 16, 1960	1962	--	
N6193	D-7	do.	do.	PS	396-442	M	1960-61	2	16	Nov. 20, 1961	3.8	Feb. 16, 1960	1962	--	
N6241	B-6	Bay Park	USGS	O	39-39	up	1952-53	4	42	Nov. 4, 1953	30	Nov. 21, 1952	1953	2 Nov. 4, 1953	
N6242	B-5	Cedarhurst	do.	PS	11	up	1952-53	5	2,700	June 28	7,1953	8	June 12, 1952	1953	3 July 26, 1953
N6243	B-5	Woodmere	do.	PS	21	up	1952-53	3	22	Nov. 26, 1952	7	Nov. 26, 1952	1953	2 Dec. 2, 1953	
N6244	B-5	Oceanside	do.	PS	8-10	up	1952-53	2	750	July 13, 1952	10	Nov. 23, 1952	1953	2 Dec. 4, 1953	
N6245	B-5	Woodmere	do.	PS	9	up	1952-53	3	16	July 13, 1952	10	Nov. 23, 1952	1953	2 Dec. 4, 1953	
N6246	B-5	Lynbrook	Formerly Queens County	PS	72	up	1952-53	1	9	July 13, 1952	10	Nov. 23, 1952	1953	2 Dec. 4, 1953	
N6247	B-5	do.	Water Co.	PS	384-394	J	1957	1	5.4	Aug. 23, 1957	6.5	Jan. 13, 1959	1957	1 Aug. 23, 1957	
N6248	E-5	Sands Point	Carle Place WD	PS	296-348	M	1956-62	7	7.8	Jan. 10, 1952	6.5	Jan. 22, 1957	1957	1 Aug. 23, 1957	
N6315	D-6	Carle Place	Colonial Sand and Stone Co., Inc.	Ind	365-375	L	1957	1	4.9	Oct. 1, 1957	5.5	Oct. 22, 1957	1957	1 Aug. 23, 1957	

1/ Water from shallow test well, same site, had 2550 ppm of chloride at depth of 52 ft., Sept. 10, 1957.

Table I.--Summary of chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

Well	Map coordinates	Locality	Owner	Use	Screened depth (feet)	Geologic source	Chloride concentration				Water Temperature				
							Period of record (years)	No. of samples	Chloride (ppm)	Date	Lowest of record				Period of record (years)
											Oct.	20, 1961	July 17, 1962	July 17, 1962	
N6367	B-6	Island Park Centre Island Nassapequa do.	NCDPW Charles Whitney Nassapequa WD do.	O	7-9	uP	1960	1	8.6	Jan. 20, 1960	--	--	--	--	--
N6435	E-7	Long Beach	City of Long Beach	D	4,18-133	L	1962	3	3.4	Apr. 12, 1962	--	--	--	--	--
N6442	C-8	Lawrence Centre Island Plainview	City of Lawrence Dana Friend Plainview WD	PS	528-592	M	1960-61	2	9.2	July 11, 1960	8.4	Oct. 20, 1961	53.0	July 17, 1962	--
N6443	C-8	Long Beach	Long Island Water Corp.	PS	190-2177	M	1960-61	2	9.2	July 11, 1960	8.4	Oct. 20, 1961	51.8	July 17, 1962	--
N6450	B-5	Lawrence Centre Island Plainview	City of Lawrence Dana Friend Plainview WD	PS	227-267	L	1958-62	6	6.2	Feb. 1, 1962	6.2	Nov. 6, 1961	1959-62	2	69.8
N6510	B-5	Long Beach	Long Island Water Corp.	D	1215-1275	M	1958-62	10	14,500	Nov. 6, 1959	13,800	Nov. 6, 1961	1958-59	2	60.9
N6578	E-7	Lawrence Centre Island Plainview	Central Rock Ready Mix Co., Inc.	PS	450-461	M	1960-61	1	3.6	Mar. 28, 1962	--	Dec. 7, 1961	1962	1	60.9
N6580	D-8	Woodmere Island Park	Long Island Water Corp.	M	528-596	M	1958-61	8	9,100	Apr. 13, 1962	7,390	Oct. 6, 1958	1958-59	2	60.0
N6581	B-5	Woodmere Island Park	Long Island Water Corp.	D	574-584	M	1959-61	4	194	Apr. 6, 1961	6,161	Feb. 27, 1959	1958	2	60.0
N6643	B-6	Farmingdale	Vil. of Farmingdale	PS	175-222	M	1952-61	4	7.6	Nov. 20, 1961	4,6	Aug. 2, 1954	1962	1	51.1
N6644	C-8	Farmingdale	Jericho WD	PS	560-610	M	1960-61	2	13	June 15, 1961	9.2	June 21, 1961	1962	1	56.1
N6651	D-7	Tobay Beach	Town of Oyster Bay	PS	272-292	M	1960-61	3	16	June 15, 1961	7.0	June 21, 1961	1962	1	56.1
N6657	B-8	Levittown	Julian Soren	G	26-28	uP	1961-62	4	23	Aug. 16, 1960	--	Sept. 19, 1959	1961-62	23	54.9
N6659	C-8	Levittown	A. A. Salikain	D	455-465	J	1960	1	3.7	Dec. 5, 1960	--	Aug. 31, 1959	1960	5	56.8
N6675	E-7	Cove Neck	Atlantic Beach	USGS	665-577	M	1959-62	8	15,800	Nov. 12, 1960	15,600	Aug. 31, 1959	1959-60	5	59.4
N6702	B-5	do.	do.	PS	4,4	M	1960-62	4	160	Apr. 6, 1962	4,830	July 21, 1960	1960	1	61.7
N6703	B-5	do.	do.	PS	468-478	M	1959-62	7	12	Sept. 18, 1959	5.4	July 19, 1960	1960	1	59.6
N6704	B-5	do.	do.	PS	284-294	M	1959-62	7	12	Sept. 18, 1959	5.4	July 19, 1960	1960	1	58.4
N6705	B-5	do.	do.	PS	14,5-15,5	J	1959-62	5	12,900	Nov. 12, 1960	11,900	Apr. 6, 1962	1959-60	3	58.4
N6706	B-5	Woodbury	Woodbury	PS	620-629	M	1960-62	5	15,100	Apr. 6, 1962	14,900	Jan. 6, 1962	1960	1	62.4
N6707	B-5	do.	do.	PS	493-503	M	1959-62	7	1,700	Apr. 9, 1962	1,150	July 11, 1960	1960	3	59.8
N6723	B-5	do.	do.	PS	63-62	uP	1959-61	3	185	Oct. 17, 1961	48	July 29, 1959	1959	1	58.0
N6724	B-5	do.	do.	PS	14-16	Re	1959	3	21	July 15, 1959	12	July 27, 1959	1959	--	--
N6725	B-5	do.	do.	PS	71-74	uP	1960	1	16	Sept. 26, 1960	20	Oct. 23, 1961	1960	--	--
N6744	C-5	Elmont	Jan. WSC	PS	71-74	M	1960-61	2	9.4	Sept. 29, 1960	2.0	Oct. 23, 1961	1960	--	--
N6745	C-5	do.	do.	PS	14-50	uP	1959-62	4	12	Sept. 29, 1960	2.0	Oct. 23, 1961	1960	--	--
N6746	B-5	Woodbury	Woodbury	PS	9-11	Re	1960-62	4	2,500	Apr. 6, 1962	1,60	June 15, 1960	1960	2	56.1
N6747	B-5	Rockville Centre	Vil. of Rockville Centre	PS	508-558	M	1960-62	4	6	May 10, 1962	3.6	June 21, 1960	1962	2	56.1
N6817	B-5	Westbury	Westbury WD	PS	215-226	M	1960-61	3	7.5	July 10, 1961	4.6	Nov. 8, 1961	1961	--	--
N6819	B-5	Point Lookout	Point Lookout	PS	102-1037	R	1960-62	10	64	May 25, 1960	52	April 17, 1962	1960	5	66.9
N6849	B-5	do.	do.	PS	89-909	M	1960-62	10	115	May 12, 1960	108	Dec. 15, 1960	1960	4	60.0
N6850	B-5	do.	do.	PS	551-556	M	1960-62	6	6	Sept. 16, 1961	3.6	July 6, 1960	1960	4	60.5
N6851	B-5	do.	do.	PS	258-259	M	1960-62	12	9,500	Sept. 16, 1961	8,30	May 25, 1960	1960	4	59.5
N6852	B-5	do.	do.	PS	127-132	M	1960-62	7	4.5	Sept. 16, 1961	4	May 25, 1960	1960	4	59.5
N6853	B-5	Massapequa	Massapequa WD	PS	566-626	M	1960-61	2	3.8	June 1, 1960	3.2	Oct. 18, 1961	1962	1	54.3
N6866	C-8	Massapequa	Massapequa WD	PS	414-415	M	1961	2	3.4	Nov. 21, 1961	2.9	Oct. 18, 1961	1962	1	53.6
N6867	C-8	do.	do.	PS	456-472	M	1960-61	2	3.4	Sept. 16, 1960	2.9	Oct. 18, 1961	1962	1	53.6
N6892	C-6	Roosevelt	Long Island Water Corp.	PS	478-492	M	1961-62	3	4.4	Feb. 21, 1961	3.4	Mar. 15, 1962	1962	1	51.7
N6915	C-8	Bethpage	Bethpage WD	PS	422-475	M	1961	1	4.0	Sept. 28, 1961	--	1962	1	51.5	
N6916	C-8	do.	do.	PS	555-605	M	1961	1	3.0	Sept. 28, 1961	--	1962	1	51.5	
N6920	B-6	Point Lookout	Point Lookout	PS	40-42	Re	1960-62	5	210	Sept. 28, 1961	--	1960	2	54.0	
N6928	B-6	Bay Park	Bay Park	O	716-726	M	1960-62	4	7.0	Sept. 26, 1961	11	May 11, 1962	1962	2	54.0
N6945	D-5	Garden City Park	Garden City Park WD	PS	351-401	M	1961-62	2	7.0	Sept. 31, 1961	5.4	Feb. 6, 1962	1962	1	53.9
N6956	D-8	Plainview	Plainview WD	PS	514-515	M	1960-61	2	5.0	Sept. 16, 1960	4.2	Oct. 3, 1961	1962	1	52.1
N7000	B-5	Lawrence	Vil. of Lawrence	Irr	99-110	uP	1960-62	5	12	Nov. 28, 1960	6	Mar. 15, 1962	1962	1	51.7
N7020	B-6	Island Park	Eastern Asphalt Co.	PS	120-125	J	1961-62	3	86	Nov. 22, 1961	5.4	July 18, 1962	1962	1	54.4
N7030	D-7	Rockville Centre	Jericho WD	PS	480-520	M	1961-62	4	5	Oct. 10, 1961	4	April 11, 1962	1962	1	59.1
N7161	E-7	Bayville	Vil. of Rockville Centre	O	66-686	uP	1961	7	30	Aug. 11, 1961	22	Aug. 9, 1961	1961	--	--
N7193	E-7	Rockville	Vil. of Rockville Centre	O	15-18	M	1962	1	4.5	Sept. 11, 1962	--	1962	1	--	--
N7207	B-6	do.	do.	PS	95-98	M	1962	1	1	July 11, 1962	--	1962	1	--	--

Table 2.—Chloride concentration and temperature of water from wells in Nassau County, N. Y.

[Analyses by U.S. Geological Survey, New York State Department of Health, Nassau County Department of Health, Nassau County Department of Public Works, and private laboratories. Temperature measurements by U.S. Geological Survey personnel. For additional well data see table I]

Date of collection	Chloride (ppm)	Temperature (°F)	Date of collection	Chloride (ppm)	Temperature (°F)	Date of collection	Chloride (ppm)	Temperature (°F)						
<b>N10.</b>														
Feb. 27, 1935	3.9	-	Nov. 22, 1932	4	56.0	Sept. 11, 1952	4	69.5						
1940	7.3	-	Aug. 31, 1938	8	-	July 14, 1953	6	70.0						
1944	9.1	-	July 24, 1939	5	57.2	Sept. 3, 1954	5	69.5						
1945	11	-	May 9, 1940	5	56.6	May 9, 1955	4.8	-						
Mar. 10, 1947	8.2	-	Dec. 3, 1941	7	-	Aug. 20, 1959	-	69.9						
Mar. 4, 1952	11	-	Mar. 26, 1945	-	58.7	June 1, 1960	-	69.8						
Dec. 27, 1954	9.4	-	Apr. 1, 1947	4.4	-	Aug. 22, 1961	-	69.3						
Jan. 11, 1955	16	-	May 17, 1950	4.4	56.7	Nov. 17, 1961	16	-						
June 22, 1959	13	-	Aug. 28, 1953	4.0	-	Feb. 9, 1962	17	-						
Sept. 28, 1960	12	-	Apr. 7, 1960	6.2	-	Mar. 27, 1962	34	-						
May 22, 1962	-	54.7	Jan. 3, 1962	5.8	-	May 20, 1962	-	69.8						
<b>N12.</b>														
Mar. 28, 1938	-	51.3	May 29, 1962	-	55.0	<b>N41.—Continued</b>								
1940	3.6	-	<b>N24.</b>											
Mar. 10, 1952	4.8	-	Jan. 13, 1939	6	50.1	Sept. 11, 1952	4	-						
July 13, 1954	4.4	-	Apr. 27, 1943	6.4	-	Feb. 7, 1935	2	-						
June 22, 1959	6.5	-	Dec. 2, 1952	7	-	Dec. 15, 1937	10	67.0						
May 22, 1962	-	55.8	Sept. 14, 1956	8	-	Aug. 3, 1938	-	70.2						
<b>N14.</b>			Apr. 21, 1960	8.0	-	Dec. 5, 1945	4	67.4						
1941	13	-	Jan. 17, 1962	5.8	-	June 14, 1949	10	-						
1942	9.5	-	May 29, 1962	-	52.5	June 1, 1951	6	68.4						
May 29, 1944	11	-	<b>N42.</b>											
Apr. 16, 1946	11	-	Aug. 21, 1934	4	-	July 14, 1953	8	68.1						
July 8, 1952	15	-	Feb. 15, 1937	10	-	Sept. 3, 1954	8	68.2						
Feb. 14, 1955	17	-	Aug. 23, 1938	-	<b>N43.</b>									
Sept. 15, 1959	18	-	Sept. 24, 1940	5	54.6	Aug. 22, 1932	10	-						
June 1961	18	-	Jan. 10, 1949	5.2	-	Dec. 31, 1936	5	68.7						
May 22, 1962	-	56.7	June 25, 1952	5.4	-	Dec. 15, 1937	5	68.5						
<b>N15.</b>			Sept. 23, 1957	5.8	-	Nov. 22, 1944	7	68.5						
Feb. 27, 1935	12	-	July 27, 1962	-	Sept. 6, 1945	6	69.4							
1940	11	-	<b>N30.</b>											
1941	9.4	-	Sept. 13, 1944	11	-	Jan. 12, 1949	6.6	-						
Mar. 10, 1944	11	-	Oct. 24, 1944	14	-	Dec. 13, 1949	10	67.0						
Mar. 10, 1947	14	-	Dec. 27, 1945	30	-	May 6, 1952	6	69.2						
July 8, 1952	19	-	Nov. 15, 1946	28	-	June 4, 1953	4.8	-						
Sept. 15, 1959	21	-	July 7, 1949	21	-	Feb. 9, 1954	8	67.8						
June 1961	23	-	Oct. 3, 1949	8	-	Aug. 18, 1954	4.6	-						
May 22, 1962	-	59.7	<b>N33.</b>											
<b>N17.</b>			Sept. 24, 1940	6	54.3	Sept. 15, 1954	7	69.8						
1940	4.3	-	Sept. 13, 1944	11	-	Sept. 15, 1955	5.8	-						
1945	5.2	-	Oct. 24, 1944	14	-	Aug. 20, 1959	8	69.7						
Mar. 10, 1947	6.2	-	Dec. 27, 1945	30	-	Nov. 6, 1961	2.4	-						
Mar. 10, 1952	10	-	Nov. 15, 1946	28	-	Feb. 1, 1962	5.6	-						
Nov. 1, 1954	13	-	July 7, 1949	21	-	May 20, 1962	-	69.8						
June 1958	16	-	Oct. 3, 1949	8	-	<b>N44.</b>								
June 1961	18	-	Sept. 12, 1940	10	-	Aug. 26, 1934	10	-						
May 22, 1962	-	53.7	July 1, 1948	6.6	-	Feb. 7, 1935	3	-						
<b>N22.</b>			July 7, 1949	12	-	Sept. 8, 1936	7	69.4						
Jan. 13, 1947	8.0	-	May 16, 1950	8.0	52.0	Sept. 27, 1937	5	69.0						
July 6, 1949	12	-	July 7, 1954	8.4	-	Sept. 6, 1938	2	-						
June 26, 1952	6.6	-	Oct. 18, 1957	9.2	52.0	Sept. 1, 1939	6	69.2						
Mar. 24, 1960	8.4	-	Jan. 4, 1962	9.2	-	Mar. 6, 1940	6	-						
Jan. 4, 1962	7.8	-	July 25, 1962	-	52.4	Sept. 26, 1940	8	69.3						
July 27, 1962	-	55.3	<b>N45.</b>											
<b>N23.</b>			Sept. 27, 1932	5	69.0	Sept. 2, 1941	6	69.4						
Dec. 14, 1937	8	-	Aug. 5, 1938	11	-	Mar. 6, 1942	6	69.1						
Feb. 24, 1938	9	-	July 26, 1939	6	71.4	May 30, 1944	5	68.5						
Sept. 14, 1938	6	-	April 11, 1940	7	69.0	Sept. 1, 1944	8	69.3						
Apr. 12, 1940	9	-	June 16, 1941	9	70.2	Dec. 6, 1945	2	68.0						
Sept. 24, 1940	6	-	Sept. 3, 1941	-	June 6, 1946	8	69.1							
Sept. 24, 1940	6	-	Mar. 6, 1942	7	69.2	Mar. 18, 1948	4	67.5						
Aug. 20, 1947	3	-	Dec. 7, 1945	2	69.7	June 16, 1948	-	70.0						
Feb. 3, 1949	6.2	-	Sept. 16, 1948	8	67.0	Jan. 12, 1949	6.4	-						
June 26, 1952	7.6	-	June 1, 1951	6	-	Sept. 21, 1949	8	69.4						
Sept. 23, 1957	8.8	-	<b>N46.</b>											
Mar. 24, 1960	12	-	Sept. 27, 1937	5	69.8	Nov. 9, 1953	6.0	-						
Jan. 4, 1962	8.4	-	Aug. 3, 1938	6	70.7	Sept. 3, 1954	8	69.2						
<b>N41.</b>			June 29, 1939	6	70.0	Aug. 20, 1959	-	69.8						
Sept. 30, 1939	5	-	Nov. 30, 1939	5	69.6	May 17, 1960	9.8	-						
July 17, 1940	6	-	July 17, 1940	6	68.1	Mar. 22, 1961	7	-						
Dec. 8, 1940	7	-	Dec. 8, 1940	7	68.6	Feb. 1, 1962	8.0	-						
May 1, 1942	7	-	May 1, 1942	7	68.8	May 20, 1962	-	69.4						
Dec. 7, 1945	2	-	<b>N47.</b>											
Aug. 25, 1947	5	-	Sept. 21, 1949	6	69.5	<b>N48.</b>								
Sept. 25, 1947	5	-	<b>N49.</b>											

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

Date of collection	Chloride (ppm)	Temperature (°F)	Date of collection	Chloride (ppm)	Temperature (°F)	Date of collection	Chloride (ppm)	Temperature (°F)
<b>N46.</b>								
May 19, 1938	3	65.1	Feb. 5, 1946	2	63.7	July 15, 1952	9.5	-
June 29, 1939	4	66.8	Aug. 22, 1947	5	63.4	Nov. 9, 1953	4.8	-
Apr. 15, 1941	3	66.3	Apr. 19, 1948	4.4	-	Feb. 23, 1954	5.2	-
May 30, 1944	4	66.6	Apr. 22, 1948	5	63.0	Jan. 6, 1958	6	-
Aug. 22, 1947	4	70.5	Oct. 21, 1948	-	63.1	Mar. 22, 1960	5.2	-
Dec. 16, 1947	1	65.3	Apr. 12, 1949	-	63.4	Oct. 24, 1961	5.6	-
June 14, 1949	8	67.6	Sept. 22, 1949	8	63.4	Mar. 20, 1962	5.6	-
May 24, 1954	2.4	-	Dec. 5, 1949	6	63.2	May 23, 1962	-	55.1
Feb. 9, 1955	2.8	66.6	Apr. 21, 1950	6	63.2			
June 9, 1955	3.2	-	May 17, 1950	4.8	63.2			
Mar. 14, 1957	4.2	-	July 18, 1950	5	63.3			
Aug. 12, 1959	4	68.0	Nov. 14, 1950	5	62.9			
Nov. 2, 1961	2.8	-	Feb. 21, 1951	5	63.2			
July 19, 1962	-	67.6	Aug. 29, 1951	4	63.6			
<b>N50.</b>								
May 13, 1932	4	-	Jan. 16, 1952	8	63.5			
Sept. 26, 1932	4	61.0	Oct. 21, 1953	8	63.6			
Mar. 26, 1940	3.2	-	Apr. 12, 1962	8	-			
May 20, 1942	6	59.4	Aug. 2, 1962	4.2	61.2			
Oct. 29, 1942	5	58.4						
Dec. 31, 1942	6	58.0						
Aug. 24, 1943	4.0	-						
Oct. 2, 1944	-	60.3						
Apr. 9, 1945	-	58.4						
Oct. 3, 1945	2	59.0						
Feb. 17, 1947	3.2	-						
May 22, 1947	-	59.3						
Aug. 25, 1947	5	60.4						
Apr. 22, 1948	5	58.2						
Oct. 21, 1948	-	59.5						
Apr. 12, 1949	-	59.1						
Sept. 27, 1949	4	59.0						
Dec. 5, 1949	-	57.4						
Apr. 21, 1950	3	58.5						
July 18, 1950	5	59.8						
Feb. 21, 1951	5	58.9						
Aug. 30, 1951	2	61.8						
Jan. 1, 1952	-	59.1						
Sept. 8, 1952	-	60.5						
Mar. 11, 1953	6	-						
Oct. 21, 1953	8	59.6						
Apr. 20, 1954	3.8	-						
Feb. 23, 1955	4.0	-						
Jan. 7, 1958	4.6	-						
Aug. 29, 1961	4.0	-						
May 10, 1962	5.0	59.1						
July 19, 1962	-	60.1						
<b>N52.</b>								
May 15, 1932	4	-						
Sept. 26, 1932	4	62.0						
Mar. 26, 1940	3.4	-						
May 20, 1942	5	56.1						
Oct. 29, 1942	5	55.5						
Dec. 31, 1942	6	55.7						
Aug. 28, 1943	4	-						
Oct. 2, 1944	-	55.9						
Apr. 9, 1945	-	56.0						
Oct. 2, 1945	5	55.9						
Oct. 17, 1946	-	56.4						
Feb. 19, 1947	3.4	-						
May 22, 1947	-	55.8						
Aug. 25, 1947	5	57.1						
Apr. 22, 1948	5	55.7						
Apr. 12, 1949	-	55.9						
Sept. 27, 1949	8	55.7						
Dec. 5, 1949	4	55.0						
Apr. 21, 1950	5	55.4						
July 18, 1950	5	56.3						
Nov. 14, 1950	5	55.8						
Feb. 21, 1951	9	55.9						
Aug. 30, 1951	6	56.7						
Jan. 15, 1952	3	58.1						
Sept. 8, 1952	5	60.4						
Mar. 11, 1953	6	-						
Oct. 21, 1953	6	55.9						
May 7, 1957	7	56.7						
Aug. 29, 1961	4.6	-						
Feb. 15, 1962	5	-						
May 10, 1962	7	56.0						
July 19, 1962	-	57.3						
<b>N72.</b>								
Oct. 29, 1942	4	56.0						
Apr. 9, 1945	6	54.2						
Oct. 3, 1945	2	56.0						
Apr. 22, 1948	4	56.1						
Sept. 27, 1949	8	55.8						
July 18, 1950	5	56.1						
Sept. 8, 1952	4	57.2						
Oct. 21, 1953	8	56.0						
Nov. 10, 1953	4	-						
Sept. 19, 1955	5.2	-						
July 9, 1958	8	56.0						
Feb. 15, 1962	5.2	-						
May 10, 1962	6	55.6						
July 19, 1962	-	55.9						
<b>N75.</b>								
Mar. 23, 1943	8.2	-						
Mar. 24, 1947	8.8	-						
May 8, 1952	11	-						
Apr. 12, 1955	14	-						
Sept. 8, 1959	15	-						
Mar. 19, 1962	15	-						
July 17, 1962	-	55.0						
<b>N90.</b>								
July 15, 1952	9.5	-						
Nov. 9, 1953	4.8	-						
Feb. 23, 1954	5.2	-						
Jan. 6, 1958	6	-						
Mar. 22, 1960	5.2	-						
Oct. 24, 1961	5.6	-						
Mar. 20, 1962	5.6	-						
May 23, 1962	-	55.1						
<b>N87.</b>								
Dec. 30, 1937	5	-						
Jan. 18, 1938	3	-						
Jan. 6, 1939	3	61.7						
Apr. 12, 1940	4	-						
Apr. 15, 1941	6	-						
<b>N91.</b>								
July 21, 1943	27	-						
Sept. 26, 1955	38	-						
Nov. 12, 1957	54	-						
Aug. 26, 1959	55	-						
Oct. 11, 1961	44	-						
May 22, 1962	-	58.2						
<b>N93.</b>								
July 21, 1943	22	-						
May 8, 1952	13	-						
Apr. 14, 1953	22	-						
Feb. 9, 1955	12	-						
Mar. 21, 1955	24	-						
Oct. 23, 1957	19	-						
Aug. 26, 1959	18	-						
<b>N94.</b>								
July 27, 1943	9.6	-						
July 6, 1948	14	-						
May 8, 1952	19	-						
Aug. 24, 1954	23	-						
Mar. 21, 1955	24	-						
Oct. 6, 1955	25	-						
July 11, 1956	25	-						
May 22, 1962	-	54.4						
<b>N97.</b>								
Feb. 26, 1935	5.1	-						
Dec. 15, 1942	5	-						
Jan. 15, 1952	4	-						
Aug. 4, 1954	5	-						
May 10, 1955	4.4	-						
Oct. 7, 1957	7.2	-						
May 1, 1959	5.2	-						
Mar. 10, 1960	4.6	-						
Dec. 11, 1961	4.4	-						
<b>N101.</b>								
Jan. 25, 1943	8.2	-						
July 24, 1952	6.2	-						
Oct. 28, 1957	8.2	-						
June 15, 1960	10	-						
Nov. 14, 1961	7.8	-						
May 28, 1962	-	54.3						
<b>N104.</b>								
Feb. 28, 1935	3.9	-						
Jan. 13, 1943	4.8	-						
Mar. 17, 1954	5.6	-						
Oct. 31, 1957	7.6	-						
Apr. 6, 1960	6.2	-						

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

Date of collection	Chloride (ppm)	Temper-ature (°F)	Date of collection	Chloride (ppm)	Temper-ature (°F)	Date of collection	Chloride (ppm)	Temper-ature (°F)
<b>N111.</b>								
Dec. 14, 1937	5	-	May 25, 1942	5.5	56.8	Dec. 20, 1937	5	-
Nov. 7, 1938	3.5	-	Oct. 29, 1942	4	55.4	Jan. 20, 1938	5	-
Jan. 4, 1939	5	55.5	Dec. 31, 1942	9	55.6	Feb. 17, 1938	5	55.2
June 20, 1939	-	54.9	Feb. 16, 1943	3.2	-	Mar. 23, 1938	5	-
Oct. 27, 1942	8	-	Aug. 25, 1943	4	-	Apr. 23, 1938	5	-
Aug. 21, 1947	7	-	Sept. 28, 1944	6	56.0	May 19, 1938	4	-
			Apr. 10, 1945	8	55.6	June 20, 1938	6	-
			Oct. 9, 1945	2	55.4	Aug. 31, 1938	6	-
			Oct. 17, 1946	-	55.8	Oct. 27, 1938	4	56.1
			May 5, 1947	3.2	-	Jan. 4, 1939	5	-
			May 22, 1947	-	55.6	Mar. 29, 1939	6	55.0
			Aug. 22, 1947	5	56.3	June 20, 1939	2	56.2
			Apr. 22, 1948	4	55.3	Sept. 26, 1939	5	56.1
			Oct. 21, 1948	-	55.8	Jan. 9, 1940	4	55.4
			Apr. 12, 1949	-	55.8	Apr. 11, 1940	5	55.7
			Sept. 22, 1949	6	55.8	Sept. 25, 1940	5	-
			Dec. 5, 1949	8	55.7	Apr. 14, 1941	7	-
			Apr. 21, 1950	5	55.6	Nov. 14, 1941	6	-
			July 18, 1950	5	55.6	Oct. 27, 1942	5	-
			Nov. 14, 1950	4	55.0	Nov. 10, 1944	8	-
			Feb. 21, 1951	4	-	Aug. 26, 1946	9	-
			Aug. 29, 1951	4	56.4	Aug. 21, 1947	6	-
			Jan. 16, 1952	2	53.2	Mar. 4, 1949	5	-
			Sept. 8, 1952	5	56.1	Mar. 7, 1950	6	-
			Mar. 12, 1953	6	-	Feb. 29, 1952	3.6	-
			Oct. 21, 1953	6	55.9			
			Mar. 1, 1954	3.4	-			
			May 8, 1957	5	56.2			
			Aug. 4, 1960	3.4	-			
			Feb. 20, 1962	2.8	-			
			May 11, 1962	6	57.3			
<b>N115.</b>								
Nov. 22, 1932	6	53.0						
Feb. 26, 1952	5	-						
Mar. 5, 1954	6.2	-						
July 11, 1955	6	-						
Aug. 3, 1960	7.2	-						
Feb. 21, 1962	-	52.6						
<b>N123.</b>								
Dec. 20, 1937	7	-						
Aug. 31, 1938	6	-						
Jan. 9, 1940	8	-						
Apr. 14, 1941	10	-						
Aug. 13, 1946	10	-						
Feb. 17, 1950	4	-						
Feb. 29, 1952	7.4	-						
<b>N124.</b>								
Oct. 27, 1938	8	54.6						
Jan. 4, 1939	8	53.6						
Mar. 29, 1939	9	53.4						
Apr. 6, 1940	10	53.4						
Sept. 25, 1940	9	55.1						
Apr. 14, 1941	10	53.6						
Nov. 14, 1941	16	-						
Oct. 27, 1942	10	-						
Nov. 10, 1944	12	-						
Sept. 17, 1946	10	-						
Feb. 17, 1950	15	-						
Mar. 3, 1952	10	-						
<b>N128.</b>								
Oct. 1932	10	-						
Feb. 10, 1933	11	-						
May 10, 1933	11	61.0						
June 13, 1933	10	-						
Aug. 8, 1933	10	-						
Oct. 1933	10	-						
Mar. 28, 1938	10	59.0						
Apr. 27, 1938	10	-						
Sept. 6, 1938	11	-						
Apr. 3, 1939	7	-						
Dec. 30, 1952	10	-						
Mar. 11, 1953	10	-						
June 7, 1956	7	62.9						
June 19, 1956	8	-						
Sept. 9, 1959	12	-						
May 5, 1960	8	-						
<b>N129.</b>								
Feb. 26, 1935	5.8	-						
Mar. 28, 1938	6	62.3						
Apr. 27, 1938	6	-						
May 20, 1938	6	-						
June 20, 1938	6	-						
Sept. 6, 1938	6	-						
Nov. 7, 1938	5	-						
June 29, 1939	7	-						
Oct. 6, 1939	6	-						
Aug. 25, 1947	7	-						
Dec. 30, 1952	7	-						
Apr. 29, 1953	8	-						
Nov. 10, 1953	4.7	62.5						
June 15, 1956	7.5	-						
Sept. 9, 1959	12	-						
May 5, 1960	6	-						
Oct. 19, 1960	6	-						
<b>N148.</b>								
Apr. 16, 1931	5.8	-						
Sept. 21, 1933	7.8	-						
Aug. 21, 1950	12	-						
Jan. 8, 1952	13	-						
<b>N149.</b>								
Sept. 21, 1933	7.6	-						
Oct. 30, 1939	14	-						
Feb. 4, 1946	17	-						
Jan. 8, 1952	11	-						
Aug. 11, 1954	13	-						
<b>N150.</b>								
May 1, 1934	4.5	-						
Dec. 20, 1937	5	-						
Jan. 4, 1939	4	54.4						
Sept. 26, 1939	2	54.6						
Apr. 14, 1941	5	55.0						
Oct. 27, 1942	5	54.7						
Nov. 10, 1944	7	-						
<b>N174.</b>								
Nov. 23, 1932	4	-						
Apr. 12, 1950	3.8	-						
Sept. 11, 1952	3.9	-						
Mar. 16, 1954	3.1	-						
July 11, 1957	4.6	-						
May 9, 1960	2.4	-						
Aug. 15, 1960	3	52.0						
Dec. 5, 1961	3.4	-						
July 23, 1962	-	53.1						
<b>N198.</b>								
Nov. 23, 1932	4	-						
Apr. 12, 1950	3.8	-						
Sept. 11, 1952	3.9	-						
Mar. 16, 1954	3.1	-						
July 11, 1957	4.6	-						
May 9, 1960	2.4	-						
Aug. 15, 1960	3	52.0						
Dec. 5, 1961	3.4	-						
July 23, 1962	-	53.1						
<b>N202.</b>								
Nov. 22, 1932	5	53.0						
Mar. 23, 1938	4	-						
Jan. 9, 1940	4	52.3						
Apr. 14, 1941	6	53.0						
Nov. 10, 1944	10	-						
Mar. 4, 1949	5.8	-						
July 7, 1949	9	-						
Aug. 10, 1953	4.6	-						
<b>N650.</b>								
Jan. 19, 1943	4.4	-						
May 5, 1947	5.2	-						
July 17, 1952	6.7	-						
Sept. 26, 1957	7.4	-						
Oct. 15, 1958	6.5	-						
Apr. 7, 1959	6	-						
July 8, 1959	6.5	-						
Feb. 25, 1960	6.2	-						
Oct. 17, 1960	7.3	-						
Feb. 6, 1962	5.6	-						
May 29, 1962	-	54.1						
<b>N651.</b>								
Jan. 19, 1943	5.6	-						
May 5, 1947	7	-						
July 17, 1952	8.1	-						
Feb. 25, 1960	7.2	-						
Jan. 8, 1962	8.8	-						

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

Date of collection	Chloride (ppm)	Temperature (°F)
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## N656.

Nov. 17, 1938	25	55.7
July 24, 1939	20	57.7
Oct. 27, 1939	24	55.7
Jan. 5, 1940	28	54.9
Dec. 31, 1940	36	55.6
Jan. 7, 1943	70	-
July 1, 1948	18	-
Nov. 17, 1953	42	-
Feb. 16, 1956	38	-
May 23, 1956	38	-
June 20, 1956	33	-
July 5, 1956	80	-
Nov. 14, 1956	30	-
Feb. 7, 1957	34	-
Mar. 15, 1957	32	-
Apr. 8, 1957	34	-
Oct. 18, 1957	20	56.5

## N662.

Apr. 11, 1939	70	-
Apr. 21, 1939	130	-
June 20, 1939	137	-
July 24, 1939	165	-
Sept. 1, 1939	146	-
Sept. 26, 1939	152	-
Oct. 27, 1939	141	-
Nov. 30, 1939	37	-
Jan. 5, 1940	17	-
Feb. 9, 1940	7	-
Mar. 6, 1940	6	-
May 9, 1940	120	-
June 17, 1940	170	-
Aug. 26, 1940	220	-
Sept. 24, 1940	206	-
Oct. 28, 1940	210	-
Dec. 31, 1940	32	-
Feb. 26, 1941	6	-
Apr. 10, 1941	18	-
May 15, 1941	92	-
June 17, 1941	130	-
July 11, 1941	210	-
Sept. 2, 1941	214	-
Oct. 3, 1941	148	-
Nov. 4, 1941	110	-
Dec. 2, 1941	34	-
Jan. 5, 1942	8	-
Mar. 6, 1942	37	-
Apr. 3, 1942	24	-
May 1, 1942	142	-
June 29, 1942	227	-
Jan. 7, 1943	6	-
Mar. 3, 1943	6	-
July 30, 1943	297	-
Aug. 19, 1944	264	-
Aug. 21, 1944	275	-
Mar. 26, 1945	322	-
Sept. 17, 1946	290	-
Aug. 21, 1947	286	-
Oct. 21, 1955	440	59.5
Feb. 16, 1956	350	55.0
Apr. 17, 1956	404	-
June 20, 1956	404	-
July 5, 1956	420	-
Sept. 14, 1956	341	60.5
Feb. 7, 1957	340	-
Mar. 15, 1957	360	-
Apr. 8, 1957	370	-
June 14, 1957	370	-
Oct. 22, 1957	243	55.0

## N675.

Aug. 11, 1944	10	-
Mar. 23, 1945	10	-
Mar. 26, 1945	-	55.3
July 16, 1946	10	-
July 1, 1948	3.8	-
May 16, 1950	5.4	55.5
Sept. 14, 1956	3.0	56.0

## N693.

1940	8	-
1942	12	-
May 2, 1944	15	-
Mar. 4, 1952	21	-
Apr. 20, 1953	19	-
Jan. 18, 1954	21	-
May 18, 1954	19	-
Aug. 4, 1954	20	-
Dec. 27, 1954	19	-
Mar. 2, 1955	20	-
Sept. 15, 1959	20	-
Oct. 19, 1960	20	-
Feb. 27, 1962	21	-
May 22, 1962	-	58.6

## N658.

Nov. 17, 1938	850	54.0
Jan. 4, 1939	940	52.1
Apr. 11, 1939	1010	-
May 16, 1939	1150	-
June 20, 1939	1880	-
July 24, 1939	1900	-
Sept. 1, 1939	1650	-
Sept. 26, 1939	1950	-
Oct. 27, 1939	1900	-
Nov. 30, 1939	2200	-
Jan. 5, 1940	2140	-
Feb. 9, 1940	2100	-
Mar. 6, 1940	2250	-
Apr. 12, 1940	2200	-
May 9, 1940	2250	-

Date of collection	Chloride (ppm)	Temperature (°F)
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## N820.

Apr. 20, 1943	26	-
July 18, 1944	60	-
Oct. 3, 1944	30	-
Apr. 2, 1945	31	-
May 9, 1945	40	-
June 22, 1945	33	-

## N821.

Apr. 20, 1943	15	-
July 18, 1944	9.6	-
May 9, 1945	11	-
June 22, 1945	13	-

## N822.

Apr. 20, 1943	32	-
Oct. 3, 1944	49	-
Jan. 2, 1945	79	-
Apr. 2, 1945	36	-
May 9, 1945	39	-
June 22, 1945	38	-
Oct. 3, 1946	13	-

## N823.

Apr. 20, 1943	140	-
Sept. 13, 1944	33	-
Oct. 10, 1944	220	-
May 9, 1945	93	-
June 22, 1945	86	-
Aug. 14, 1951	46	-

## N824.

Mar. 9, 1943	4.4	-
Oct. 3, 1944	6	-
Oct. 19, 1944	7	-
Jan. 2, 1945	7	-
May 9, 1945	11	-
Oct. 3, 1949	10	-

## N825.

Mar. 9, 1943	8	-
Oct. 26, 1943	6	-
July 18, 1944	8	-
Sept. 13, 1944	22	-
Sept. 24, 1944	24	-
Oct. 3, 1944	21	-
Oct. 10, 1944	23	-
Oct. 24, 1944	22	-
Oct. 30, 1944	21	-
Nov. 6, 1944	25	-
Nov. 13, 1944	25	-
Nov. 20, 1944	26	-
Nov. 28, 1944	28	-
Jan. 2, 1945	34	-
Apr. 2, 1945	38	-
May 9, 1945	43	-
June 22, 1945	43	-
July 7, 1949	52	-
Oct. 3, 1949	44	-
May 16, 1950	49	-
Aug. 10, 1953	55	-

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

Date of collection	Chloride (ppm)	Temperature (°F)
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N826.

Mar. 9, 1943	29	-
Apr. 20, 1943	18	-
July 18, 1944	27	-
Sept. 13, 1944	86	-
Sept. 24, 1944	86	-
Oct. 3, 1944	78	-
Oct. 10, 1944	100	-
Oct. 19, 1944	105	-
Oct. 24, 1944	87	-
Oct. 30, 1944	83	-
Nov. 6, 1944	93	-
Nov. 13, 1944	109	-
Nov. 20, 1944	112	-
Nov. 28, 1944	107	-
Jan. 2, 1945	93	-
May 9, 1945	150	-
June 22, 1945	153	-
Nov. 10, 1945	128	-
July 12, 1946	48	-
Oct. 8, 1947	90	-
July 15, 1948	170	-
July 7, 1949	196	-
Oct. 3, 1949	200	-

N906.

Jan. 19, 1939	4	-
Mar. 29, 1939	5	-
Dec. 5, 1939	11	-
Apr. 11, 1940	5	-
Oct. 10, 1940	12	-
Oct. 27, 1942	10	-
Mar. 26, 1945	8	55.0
July 18, 1946	15	-
Jan. 17, 1949	4	-

N1265.

Mar. 14, 1939	5	49.1
Apr. 21, 1939	8	50.4
June 10, 1939	8	56.5
July 14, 1939	8	60.4
Aug. 1, 1939	8	61.9
Sept. 1, 1939	8	63.9
Oct. 1, 1939	9	63.8
Nov. 1, 1939	13	62.0
Dec. 1, 1939	11	58.2
Jan. 2, 1940	12	54.0
Jan. 31, 1940	13	50.3
Feb. 29, 1940	12	47.1
Apr. 1, 1940	13	46.6
May 1, 1940	17	48.8
May 31, 1940	24	53.0
July 1, 1940	15	52.8
Aug. 1, 1940	7	60.5
Sept. 3, 1940	8	63.0
Oct. 1, 1940	13	62.9
Oct. 31, 1940	6	60.5
Dec. 2, 1940	6	56.4
Jan. 2, 1941	10	54.0
June 30, 1941	15	58.4
July 31, 1941	16	61.4
Aug. 29, 1941	13	63.3
Sept. 30, 1941	10	61.9
Oct. 31, 1941	10	62.8
Dec. 1, 1941	10	58.8
Jan. 2, 1942	10	55.1
Jan. 30, 1942	9	51.3
Feb. 27, 1942	9	48.9
Mar. 31, 1942	8	49.3
July 31, 1942	6	52.2
Oct. 1, 1942	5	64.3
Nov. 27, 1942	7	59.4
Jan. 27, 1943	4	50.3
Mar. 31, 1943	4	48.6
Aug. 25, 1943	4.5	63.4
May 29, 1944	4	56.4
Sept. 4, 1944	5	62.4
Dec. 6, 1944	5	55.3
Mar. 1, 1945	6	47.6
May 30, 1945	6	56.0
Sept. 24, 1945	4	63.8
Dec. 6, 1945	4	56.4
Sept. 10, 1946	2	49.4
June 6, 1946	2	55.4
Sept. 19, 1946	8	63.0
Dec. 18, 1946	9	56.1
May 21, 1947	7	53.8
Aug. 27, 1947	4	62.5
Dec. 16, 1947	4.5	55.2
Mar. 17, 1948	5	47.5
June 18, 1948	-	56.5

Date of collection	Chloride (ppm)
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N1265.--Continued

Sept. 10, 1948	-
Jan. 10, 1949	4
Apr. 7, 1949	-
June 20, 1949	-
Sept. 22, 1949	-
Nov. 2, 1949	-
Dec. 1, 1949	8
Jan. 3, 1950	5
Jan. 27, 1950	6
Mar. 3, 1950	7
Apr. 4, 1950	6
June 16, 1950	-
Nov. 1, 1950	-
Feb. 23, 1951	5
May 8, 1951	4
July 31, 1951	4
Nov. 20, 1951	4
Mar. 5, 1952	6
May 6, 1952	6
Sept. 5, 1952	5
Jan. 12, 1953	8
Mar. 5, 1952	8
May 3, 1952	4
Sept. 5, 1952	5
Jan. 12, 1953	8
Apr. 16, 1953	6
July 20, 1953	8
Oct. 3, 1953	6
Dec. 16, 1953	6
Feb. 3, 1954	6

Date of collection	Chloride (ppm)
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N1266.--Continued

Mar. 3, 1950	5
Apr. 4, 1950	8
June 16, 1950	6
Nov. 1, 1950	-
Feb. 23, 1951	5
May 8, 1951	4
July 31, 1951	4
Nov. 20, 1951	4
Mar. 5, 1952	6
May 6, 1952	6
Sept. 5, 1952	5
Jan. 12, 1953	6
Apr. 16, 1953	4
July 20, 1953	8
Oct. 3, 1953	6
Dec. 16, 1953	6
Feb. 3, 1954	6

N1267.

June 10, 1939	6
July 14, 1939	6
Aug. 1, 1939	5
Sept. 2, 1939	6
May 31, 1940	9
Oct. 31, 1940	8
Dec. 31, 1940	8
May 29, 1944	7
Sept. 4, 1944	6
Dec. 6, 1944	5
Mar. 6, 1952	6
Oct. 3, 1953	6
Dec. 16, 1953	10
Feb. 3, 1954	8

N1269.

Mar. 14, 1939	10
Apr. 21, 1939	10
June 10, 1939	10
July 14, 1939	10
Aug. 1, 1939	10
Sept. 2, 1939	12
Oct. 1, 1939	11
Nov. 1, 1939	10
Dec. 1, 1939	10
Jan. 31, 1940	10
Feb. 29, 1940	10
Mar. 1, 1940	11
April 1, 1940	10
May 31, 1940	6
July 1, 1940	5
Aug. 1, 1940	10
Oct. 1, 1940	5
Nov. 1, 1940	5
Dec. 1, 1940	5
Jan. 31, 1941	10
Feb. 29, 1941	10
Mar. 1, 1941	11
April 1, 1941	10
May 31, 1941	6
July 1, 1941	5
Aug. 1, 1941	10
Oct. 1, 1941	5
Nov. 1, 1941	5
Dec. 1, 1941	5
Jan. 31, 1942	10
Feb. 28, 1942	10
Mar. 1, 1942	11
April 1, 1942	10
May 31, 1942	6
June 30, 1942	10
July 31, 1942	6
Aug. 29, 1942	5
Sept. 30, 1942	5
Oct. 31, 1942	5
Dec. 1, 1942	5
Jan. 31, 1943	10
Feb. 28, 1943	10
Mar. 1, 1943	11
April 1, 1943	10
May 31, 1943	6
June 30, 1943	10
July 31, 1943	6
Aug. 29, 1943	5
Sept. 30, 1943	5
Oct. 31, 1943	5
Dec. 1, 1943	5
Jan. 31, 1944	10
Feb. 28, 1944	10
Mar. 1, 1944	11
April 1, 1944	10
May 31, 1944	6
June 30, 1944	10
July 31, 1944	7
Aug. 29, 1944	8
Sept. 30, 1944	20
Oct. 31, 1944	21
Dec. 1, 1944	19
Jan. 31, 1945	19
Feb. 28, 1945	19
Mar. 1, 1945	16
April 1, 1945	16
May 31, 1945	12
June 30, 1945	14
July 31, 1945	17
Aug. 29, 1945	23
Sept. 30, 1945	20
Oct. 31, 1945	21
Dec. 1, 1945	19
Jan. 31, 1946	16
Feb. 28, 1946	16
Mar. 1, 1946	13
April 1, 1946	13
May 31, 1946	14
June 30, 1946	14
July 31, 1946	27
Aug. 29, 1946	23
Sept. 30, 1946	20
Oct. 31, 1946	21
Dec. 1, 1946	19
Jan. 31, 1947	19
Feb. 28, 1947	19
Mar. 1, 1947	16
April 1, 1947	16
May 31, 1947	12
June 30, 1947	13
July 31, 1947	13
Aug. 29, 1947	12
Sept. 30, 1947	10
Oct. 31, 1947	11
Dec. 1, 1947	9
Jan. 31, 1948	7
Feb. 28, 1948	7
Mar. 1, 1948	5
April 1, 1948	5
May 31, 1948	5
June 30, 1948	5
July 31, 1948	7
Aug. 29, 1948	6
Sept. 30, 1948	6
Oct. 31, 1948	7
Dec. 1, 1948	5
Jan. 31, 1949	7
Feb. 28, 1949	7
Mar. 1, 1949	5
April 1, 1949	5
May 31, 1949	5
June 30, 1949	5
July 31, 1949	5
Aug. 29, 1949	5
Sept. 30, 1949	5
Oct. 31, 1949	5
Dec. 1, 1949	5
Jan. 31, 1950	5
Feb. 28, 1950	5
Mar. 1, 1950	5
April 1, 1950	5
May 31, 1950	5
June 30, 1950	5
July 31, 1950	5
Aug. 29, 1950	5
Sept. 30, 1950	5
Oct. 31, 1950	5
Dec. 1, 1950	5
Jan. 31, 1951	5
Feb. 28, 1951	5
Mar. 1, 1951	5
April 1, 1951	5
May 31, 1951	5
June 30, 1951	5
July 31, 1951	5
Aug. 29, 1951	5
Sept. 30, 1951	5
Oct. 31, 1951	5
Dec. 1, 1951	5
Jan. 31, 1952	5
Feb. 28, 1952	5
Mar. 1, 1952	5
April 1, 1952	5
May 31, 1952	5
June 30, 1952	5
July 31, 1952	5
Aug. 29, 1952	5
Sept. 30, 1952	5
Oct. 31, 1952	5
Dec. 1, 1952	5
Jan. 31, 1953	5
Feb. 28, 1953	5
Mar. 1, 1953	5
April 1, 1953	5
May 31, 1953	5
June 30, 1953	5
July 31, 1953	5
Aug. 29, 1953	5
Sept. 30, 1953	5
Oct. 31, 1953	5
Dec. 1, 1953	5
Jan. 31, 1954	5
Feb. 28, 1954	5
Mar. 1, 1954	5
April 1, 1954	5
May 31, 1954	5
June 30, 1954	5
July 31, 1954	5
Aug. 29, 1954	5
Sept. 30, 1954	5
Oct. 31, 1954	5
Dec. 1, 1954	5
Jan. 31, 1955	5
Feb. 28, 1955	5
Mar. 1, 1955	5
April 1, 1955	5
May 31, 1955	5
June 30, 1955	5
July 31, 1955	5
Aug. 29, 1955	5
Sept. 30, 1955	5
Oct. 31, 1955	5
Dec. 1, 1955	5
Jan. 31, 1956	5
Feb. 28, 1956	5
Mar. 1, 1956	5
April 1, 1956	5
May 31, 1956	

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

Date of collection	Chloride (ppm)	Temper-ature (°F)	Date of collection	Chloride (ppm)	Temper-ature (°F)	Date of collection	Chloride (ppm)	Temper-ature (°F)
<b>N1269.--Continued</b>								
Sept. 9, 1948	-	66.2	Jan. 13, 1953	6	56.8	Apr. 4, 1950	10	46.6
Jan. 6, 1949	-	52.6	Apr. 16, 1953	6	54.8	June 16, 1950	13	54.6
Apr. 6, 1949	-	50.8	July 20, 1953	8	58.2	Nov. 2, 1950	10	60.7
June 15, 1949	-	57.9	Oct. 3, 1953	8	57.6	Feb. 20, 1951	23	45.9
Sept. 22, 1949	-	64.3	Nov. 5, 1953	6	56.5	May 28, 1951	20	51.9
Nov. 2, 1949	-	61.7	Dec. 16, 1953	14	56.6	July 31, 1951	11	62.7
Dec. 1, 1949	12	58.1	Feb. 3, 1954	8	54.0	Nov. 20, 1951	14	55.5
Jan. 3, 1950	8	53.8	Apr. 8, 1954	8	56.0	Mar. 5, 1952	10	44.1
Jan. 27, 1950	6	52.0	June 9, 1954	12	54.9	May 7, 1952	10	48.4
Mar. 3, 1950	6	47.6	Sept. 2, 1954	6	56.6	Sept. 5, 1952	7	66.7
Apr. 4, 1950	8	48.6	Dec. 15, 1954	5	55.5	Jan. 3, 1953	12	50.0
June 15, 1950	6	55.9	Apr. 7, 1955	-	54.2	July 20, 1953	8	59.8
Nov. 1, 1950	8	61.7	July 18, 1955	-	58.3	Oct. 5, 1953	4	65.4
Feb. 23, 1951	11	49.2	Oct. 12, 1955	-	61.4	Dec. 16, 1953	-	53.8
May 8, 1951	23	54.0	Oct. 10, 1956	4	58.2	Feb. 3, 1954	54	49.0
July 31, 1951	24	63.2	June 10, 1957	9	55.7	Apr. 8, 1954	12	47.4
Nov. 20, 1951	9	59.9	May 8, 1962	9	54.8	June 9, 1954	28	52.5
Mar. 5, 1952	14	49.4	<b>N1270.--Continued</b>					
May 7, 1952	30	52.2	Jan. 13, 1953	6	56.8	July 18, 1955	-	61.5
Sept. 5, 1952	18	66.2	Apr. 16, 1953	6	54.8	Apr. 3, 1956	7	43.8
Jan. 13, 1953	8	43.2	July 20, 1953	8	58.2	Oct. 10, 1956	12	61.4
Apr. 16, 1953	18	51.9	Sept. 2, 1954	6	56.6	June 10, 1957	28	54.0
July 20, 1953	20	62.5	Dec. 15, 1954	5	55.5	May 8, 1962	20	52.3
Oct. 3, 1953	36	65.8	Apr. 7, 1955	-	54.2	<b>N1271.--Continued</b>		
Nov. 5, 1953	20	62.3	July 18, 1955	-	58.3	Sept. 2, 1954	2	67.8
Dec. 16, 1953	20	57.8	Oct. 12, 1955	-	61.4	Dec. 15, 1954	5	52.3
Feb. 3, 1954	16	52.3	Oct. 10, 1956	4	58.2	Apr. 7, 1955	-	45.5
Apr. 8, 1954	16	51.7	June 10, 1957	9	55.7	July 18, 1955	-	61.5
June 9, 1954	16	54.6	May 8, 1962	9	54.8	Apr. 3, 1956	7	43.8
July 7, 1954	16	59.4	<b>N1271.</b>					
Sept. 2, 1954	6	64.2	Mar. 14, 1939	4	47.3	Oct. 10, 1956	12	61.4
Dec. 15, 1954	6	54.5	Apr. 21, 1939	7	47.6	June 10, 1957	28	54.0
Apr. 7, 1955	-	52.0	June 10, 1939	16	52.4	May 8, 1962	20	52.3
July 18, 1955	-	60.3	July 14, 1939	18	57.9	<b>N1272.</b>		
Oct. 12, 1955	-	67.0	Aug. 1, 1939	16	59.9	Mar. 14, 1939	3	52.0
Apr. 3, 1956	14	48.6	Sept. 2, 1939	11	63.5	Apr. 21, 1939	5	50.1
Oct. 10, 1956	12	63.5	Oct. 1, 1939	11	64.5	June 10, 1939	5	54.8
June 10, 1957	16	57.5	Nov. 1, 1939	10	58.5	July 15, 1939	5	57.0
Oct. 10, 1957	-	65.7	Dec. 1, 1939	11	54.1	Aug. 1, 1939	5	58.1
May 8, 1962	17	52.8	Dec. 1, 1940	13	49.8	Sept. 2, 1939	5	57.1
<b>N1270.</b>			Jan. 2, 1940	13	47.6	Oct. 1, 1939	4	57.4
Mar. 14, 1939	3	-	Jan. 31, 1940	18	49.8	Nov. 1, 1939	4	56.3
Apr. 21, 1939	5	-	Feb. 29, 1940	17	47.0	Dec. 1, 1939	2	54.7
June 10, 1939	5	-	Apr. 1, 1940	11	45.4	Jan. 2, 1940	6	51.9
July 14, 1939	6	-	May 1, 1940	5	46.7	Feb. 29, 1940	4	-
Feb. 27, 1942	5	54.1	May 31, 1940	5	50.0	May 1, 1940	5	50.7
Mar. 31, 1942	7	54.1	July 1, 1940	3	54.4	May 31, 1940	5	-
May 29, 1942	5	54.5	Aug. 1, 1940	6	58.8	July 1, 1940	4	-
Oct. 1, 1942	6	54.8	Sept. 3, 1940	10	62.7	Sept. 3, 1940	6	-
Nov. 27, 1942	7	51.1	Oct. 1, 1940	10	63.1	Oct. 1, 1940	6	-
Jan. 27, 1943	6	54.6	Oct. 31, 1940	12	61.6	Oct. 31, 1940	7	-
Mar. 31, 1943	4	53.9	Dec. 2, 1940	10	57.5	Feb. 27, 1942	4	54.0
May 29, 1943	5	53.8	Jan. 2, 1941	8	53.5	Mar. 31, 1942	4	52.3
Sept. 5, 1944	6	54.7	Mar. 31, 1941	6	49.6	May 29, 1942	11	52.2
Dec. 16, 1944	11	54.6	May 5, 1941	9	45.8	July 31, 1942	5	54.3
Mar. 1, 1945	6	52.2	June 3, 1941	8	52.3	Oct. 1, 1942	5	57.4
May 30, 1945	6	54.2	June 30, 1941	7	56.0	Nov. 27, 1942	4	57.7
Sept. 11, 1945	5	58.0	July 31, 1941	4	59.9	July 31, 1942	5	57.7
Dec. 7, 1945	2	55.0	Aug. 29, 1941	9	63.1	Oct. 31, 1942	5	57.4
Mar. 21, 1946	2	52.6	Sept. 30, 1941	12	62.6	Nov. 27, 1942	4	57.7
June 6, 1946	2	54.2	Oct. 31, 1941	12	63.2	Dec. 1, 1942	5	57.4
Sept. 19, 1946	5	57.5	Dec. 1, 1941	9	59.1	Nov. 27, 1942	4	57.7
Dec. 18, 1946	5	55.6	Jan. 2, 1942	10	53.8	Jan. 27, 1943	6	55.1
May 21, 1947	10	52.1	Jan. 30, 1942	13	50.5	Mar. 31, 1943	9	52.2
Aug. 27, 1947	5	55.3	Feb. 27, 1942	12	46.8	Aug. 25, 1943	10	55.8
Dec. 16, 1947	12	53.0	Mar. 31, 1942	10	46.6	May 29, 1944	7	51.6
Mar. 21, 1946	2	52.6	May 29, 1942	14	52.1	Sept. 5, 1944	6	56.0
June 6, 1946	2	54.2	July 31, 1942	8	61.6	Dec. 6, 1944	5	56.1
Sept. 19, 1946	5	57.5	Oct. 1, 1942	6	64.3	Mar. 1, 1945	6	52.0
Dec. 18, 1946	5	55.6	Nov. 27, 1942	10	59.2	May 30, 1945	6	52.1
May 21, 1947	10	52.1	Dec. 1, 1943	10	49.7	Sept. 24, 1945	7	57.0
Aug. 27, 1947	5	55.3	Jan. 27, 1943	10	46.2	Dec. 7, 1945	4	56.4
Dec. 16, 1947	12	53.0	Mar. 31, 1943	11	63.1	Mar. 21, 1946	6	51.0
Mar. 18, 1948	10	51.3	Aug. 25, 1943	13	51.5	June 6, 1946	2	51.9
June 18, 1948	-	55.0	May 29, 1944	5	51.5	Sept. 19, 1946	5	57.3
Sept. 9, 1948	-	57.0	Sept. 5, 1944	10	63.5	Dec. 18, 1946	5	56.6
Jan. 6, 1949	-	54.4	Dec. 6, 1944	33	56.0	May 21, 1947	10	52.2
Apr. 6, 1949	-	54.8	Mar. 1, 1945	6	44.5	Aug. 27, 1947	-	55.3
June 20, 1949	-	55.6	May 30, 1945	10	57.2	Dec. 16, 1947	9.5	56.3
Sept. 22, 1949	-	56.2	Sept. 24, 1945	10	63.8	Mar. 17, 1948	10	51.0
Nov. 2, 1949	-	56.5	Dec. 7, 1945	4	48.4	June 18, 1948	-	52.5
Dec. 1, 1949	8	55.9	Mar. 21, 1946	4	46.7	Sept. 9, 1948	-	56.5
Jan. 3, 1950	8	55.3	June 6, 1946	2	53.0	Jan. 6, 1949	-	54.4
Jan. 27, 1950	8	54.5	Sept. 19, 1946	20	62.8	Apr. 4, 1949	-	52.6
Mar. 3, 1950	6	49.6	Dec. 18, 1946	10	57.0	June 15, 1949	-	53.3
Apr. 4, 1950	7	53.9	May 21, 1947	9	51.0	Sept. 22, 1949	-	56.8
June 16, 1950	7	55.6	Aug. 27, 1947	-	63.1	Nov. 2, 1949	-	57.6
Nov. 1, 1950	5	56.4	Dec. 16, 1947	6.5	55.5	Dec. 1, 1949	12	57.4
Feb. 23, 1951	6	53.3	Mar. 17, 1948	10	46.0	Jan. 3, 1950	13	56.2
May 8, 1951	5	55.3	June 18, 1948	10	54.5	Jan. 27, 1950	13	54.8
July 31, 1951	4	57.4	Sept. 9, 1948	-	64.0	Mar. 3, 1950	13	52.2
Nov. 20, 1951	9	56.5	Dec. 1, 1949	14	51.6	Apr. 4, 1950	13	52.5
Mar. 5, 1952	6	54.5	Jan. 3, 1950	9	48.3	June 16, 1950	13	54.0
May 7, 1952	4	54.7	Jan. 27, 1950	8	52.0	Nov. 2, 1950	14	56.3
Sept. 5, 1952	5	56.8	Mar. 3, 1950	7	45.8	Feb. 20, 1951	13	52.0

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

Date of collection	Chloride (ppm)	Temperature (°F)	Date of collection	Chloride (ppm)	Temperature (°F)	Date of collection	Chloride (ppm)	Temperature (°F)
<b>N1272.--Continued</b>								
May 7, 1952	22	50.0	Sept. 1, 1954	12	60.6	Mar. 31, 1941	8	44.7
Sept. 5, 1952	34	57.8	Dec. 10, 1954	-	55.5	May 5, 1941	8	47.9
Jan. 13, 1953	36	55.8	Apr. 7, 1955	-	50.2	June 3, 1941	6	52.1
July 20, 1953	20	54.2	Oct. 12, 1955	-	63.0	June 30, 1941	8	56.2
Oct. 5, 1953	30	57.8	Apr. 3, 1956	17	48.6	July 31, 1941	8	60.2
Dec. 16, 1953	20	56.0	June 10, 1957	14	55.4	Aug. 29, 1941	5	62.6
Feb. 3, 1954	20	53.0	Oct. 16, 1957	-	60.3	Sept. 30, 1941	6	61.7
Apr. 8, 1954	16	51.9	May 7, 1962	20	54.2	Oct. 31, 1941	9	61.8
<b>N1273.</b>								
Nov. 1, 1939	23	59.2	Feb. 27, 1942	5	49.4	Dec. 1, 1941	8	57.3
Dec. 4, 1939	14	54.9	Mar. 31, 1942	6	50.5	Jan. 2, 1942	8	53.0
Jan. 2, 1940	16	51.5	May 29, 1942	5	53.0	Jan. 30, 1942	8	49.5
Jan. 31, 1940	14	48.1	Nov. 27, 1942	5	46.0	Feb. 27, 1942	6.5	50.1
Feb. 29, 1940	11	45.9	Jan. 27, 1943	4	50.4	Mar. 31, 1942	4	46.6
Apr. 1, 1940	12	45.7	Mar. 31, 1943	5	51.4	May 29, 1942	13	52.7
May 1, 1940	8	47.6	May 29, 1944	5	54.0	July 31, 1942	6	62.4
May 31, 1940	10	51.5	Sept. 4, 1944	5	56.2	Oct. 1, 1942	6	64.8
July 1, 1940	15	55.0	Dec. 6, 1944	4	52.0	Nov. 27, 1942	6	56.3
Aug. 1, 1940	14	58.1	Mar. 1, 1945	6	49.7	Jan. 27, 1943	4	47.3
Sept. 3, 1940	15	60.5	May 30, 1945	6	54.0	Mar. 31, 1943	5	44.9
Oct. 1, 1940	15	60.4	Sept. 11, 1945	-	58.8	May 30, 1944	5	51.0
Oct. 31, 1940	16	58.7	Dec. 7, 1945	2	52.6	Sept. 4, 1944	8	62.7
Dec. 2, 1940	14	55.0	Feb. 21, 1946	2	51.7	Dec. 6, 1944	6	54.1
Jan. 2, 1941	18	52.1	June 5, 1946	2	53.7	Mar. 1, 1945	6	42.4
Jan. 31, 1941	14	49.8	Sept. 19, 1946	10	57.4	May 30, 1945	6	52.8
Mar. 3, 1941	19	48.3	Dec. 18, 1946	5	52.9	Sept. 11, 1945	9	63.2
Mar. 31, 1941	26	47.8	May 20, 1947	5	54.4	Mar. 21, 1946	4	45.5
May 5, 1941	30	51.0	Aug. 26, 1947	5	55.9	June 5, 1946	4	52.8
June 3, 1941	35	53.3	Dec. 15, 1947	4	52.5	Sept. 19, 1946	7	62.4
June 30, 1941	15	55.7	Mar. 18, 1948	5	51.3	Dec. 19, 1946	6	54.8
July 31, 1941	18	58.4	June 18, 1948	-	55.0	May 20, 1947	4	50.5
Aug. 29, 1941	17	60.1	Sept. 13, 1948	-	57.7	Aug. 26, 1947	7	61.9
Sept. 30, 1941	20	59.2	Jan. 6, 1949	-	51.8	Dec. 15, 1947	11	54.5
Oct. 31, 1941	19	59.0	Apr. 6, 1949	-	52.7	Mar. 17, 1948	6	44.5
Dec. 1, 1941	17	55.5	June 15, 1949	10	55.8	June 18, 1948	-	53.3
Jan. 2, 1942	4	52.2	Sept. 27, 1949	-	56.8	Sept. 13, 1948	-	63.1
Jan. 30, 1942	16	49.2	Nov. 2, 1949	-	55.4	Jan. 6, 1949	-	50.5
Feb. 27, 1942	14	48.6	Dec. 5, 1949	6	54.0	Apr. 6, 1949	-	56.2
Mar. 31, 1942	18	47.6	Jan. 3, 1950	6	54.0	June 15, 1949	8	59.1
May 29, 1942	14	53.3	Jan. 27, 1950	8	52.7	Sept. 21, 1949	-	64.5
Oct. 1, 1942	12	61.6	Mar. 2, 1950	7	52.2	Nov. 2, 1949	-	62.6
Jan. 27, 1943	13	48.9	Apr. 4, 1950	7	53.2	Dec. 1, 1949	8	58.0
Mar. 31, 1943	16	48.4	June 16, 1950	6	55.6	Jan. 3, 1950	8	53.6
May 29, 1944	19	53.5	Nov. 2, 1950	5	56.2	Jan. 27, 1950	8	51.0
Sept. 4, 1944	22	60.6	Feb. 20, 1951	7	53.8	Mar. 3, 1950	5	46.8
Dec. 6, 1944	15	53.9	May 8, 1951	5	54.7	June 15, 1950	8	47.5
Mar. 1, 1945	12	46.1	July 31, 1951	4	56.9	Sept. 21, 1949	-	64.5
May 30, 1945	20	53.8	Nov. 25, 1951	3	53.9	Nov. 2, 1949	-	62.6
Sept. 11, 1945	20	61.0	Mar. 5, 1952	5	53.1	Dec. 1, 1949	8	58.0
Dec. 7, 1945	4	54.9	May 7, 1952	3	54.0	Jan. 3, 1950	8	53.6
Mar. 21, 1946	6	49.4	Sept. 5, 1952	6	55.3	Jan. 27, 1950	8	51.0
June 5, 1946	6	54.6	Jan. 13, 1953	8	52.5	Mar. 3, 1950	5	46.8
Sept. 19, 1946	25	60.7	Apr. 16, 1953	6	52.5	April 4, 1950	8	47.5
Dec. 18, 1946	20	54.5	July 15, 1953	10	53.3	June 16, 1950	17	56.4
May 20, 1947	10	52.3	Oct. 5, 1953	8	55.3	Nov. 2, 1950	7	61.4
Aug. 26, 1947	15	60.6	Dec. 15, 1953	12	54.2	Feb. 20, 1951	33	51.1
Dec. 15, 1947	17	54.5	Feb. 2, 1954	8	54.0	May 8, 1951	11	51.7
Mar. 17, 1948	40	48.5	Apr. 7, 1954	6	54.5	July 31, 1951	13	62.7
June 18, 1948	-	55.0	June 8, 1954	6	55.6	Oct. 5, 1953	6	59.0
Sept. 13, 1948	-	61.0	July 7, 1954	6	55.8	Mar. 5, 1952	6	46.0
Jan. 6, 1949	-	51.7	Sept. 1, 1954	4	56.5	May 7, 1952	6	49.8
Apr. 6, 1949	-	51.2	Dec. 10, 1954	4	54.0	Sept. 5, 1952	6	66.0
June 15, 1949	-	56.9	Apr. 7, 1955	-	53.2	Jan. 12, 1953	4	51.1
Sept. 27, 1949	-	61.4	July 18, 1955	-	56.7	April 15, 1953	8	49.5
Nov. 2, 1949	-	60.4	Oct. 12, 1955	-	59.0	July 15, 1953	10	61.1
Dec. 5, 1949	18	55.8	June 10, 1957	6	53.3	Oct. 5, 1953	8	66.0
Jan. 3, 1950	18	53.7	Oct. 10, 1957	-	56.0	Dec. 15, 1953	18	56.9
Jan. 27, 1950	15	51.5	May 7, 1962	6	56.0	Feb. 2, 1954	6	49.7
Mar. 2, 1950	15	48.5	Nov. 1, 1939	6	62.0	April 7, 1954	6	49.3
Apr. 4, 1950	16	49.1	Dec. 1, 1939	5	57.4	June 8, 1954	10	54.9
June 16, 1950	15	55.3	Jan. 2, 1940	5	53.0	July 6, 1954	8	59.5
Nov. 2, 1950	14	59.4	Jan. 31, 1940	4	48.9	Sept. 1, 1954	6	66.2
Feb. 20, 1951	20	50.0	Feb. 29, 1940	3.5	46.2	Dec. 10, 1954	4	54.6
May 8, 1951	64	53.2	Apr. 1, 1940	2	45.1	April 7, 1955	-	47.4
July 31, 1951	35	59.2	May 1, 1940	4	46.6	Oct. 12, 1955	-	67.2
Nov. 20, 1951	15	56.6	May 31, 1940	8	48.1	April 3, 1956	9	46.1
Mar. 5, 1952	50	50.6	July 1, 1940	7	54.8	Oct. 15, 1956	11	63.2
May 7, 1952	42	58.7	Aug. 1, 1940	13	58.9	June 10, 1957	12	55.2
Sept. 5, 1952	37	61.5	Sept. 3, 1940	6	62.5	Oct. 10, 1957	12	65.7
Jan. 13, 1953	20	51.1	Oct. 1, 1940	7	62.6	May 7, 1962	26	51.0
Apr. 16, 1953	12	50.5	Dec. 31, 1940	6	60.6			
July 15, 1953	34	59.4	Sept. 1, 1941	8	52.1			
Oct. 5, 1953	18	61.4	Jan. 31, 1941	8	48.6			
Dec. 15, 1953	16	55.2	Mar. 3, 1941	7	46.0			
Feb. 2, 1954	16	50.5						
Apr. 7, 1954	12	50.7						
June 8, 1954	16	55.2						
July 7, 1954	12	58.0						
<b>N1274.</b>								
<b>N1275.--Continued</b>								
Mar. 31, 1941	8	44.7	May 5, 1941	8	47.9	June 3, 1941	6	52.1
June 3, 1941	6	56.2	June 30, 1941	8	60.2	July 31, 1941	8	62.6
July 31, 1941	8	60.2	Aug. 29, 1941	5	62.6	Sept. 29, 1941	5	64.9
Sept. 30, 1941	6	61.7	Sept. 30, 1941	6	61.7	Oct. 27, 1942	13	54.7
Oct. 30, 1941	8	62.6	Oct. 31, 1941	9	61.8	Nov. 27, 1942	4	49.5
Nov. 30, 1941	6	64.7	Nov. 30, 1941	6	64.7	Dec. 27, 1942	6	62.4
Dec. 31, 1941	8	67.3	Dec. 31, 1941	8	67.3	Jan. 27, 1943	4	49.5
Jan. 31, 1942	8	53.0	Jan. 31, 1942	8	53.0	Feb. 27, 1943	4	46.6
Feb. 27, 1942	6	50.5	Feb. 27, 1942	6	50.5	Mar. 27, 1943	4	47.3
Mar. 31, 1942	4	48.9	Mar. 31, 1942	4	48.9	Apr. 27, 1943	4	45.5
May 31, 1942	6	53.0	May 31, 1942	6	53.0	May 31, 1943	5	44.9
June 30, 1942	8	56.8	June 30, 1942	8	56.8	June 30, 1943	5	44.9
July 31, 1942	6	59.1	July 31, 1942	6	59.1	July 31, 1943	5	44.9
Aug. 31, 1942	8	62.2	Aug. 31, 1942	8	62.2	Sept. 30, 1943	5	44.9
Sept. 30, 1942	6	64.5	Sept. 30, 1942	6	64.5	Oct. 30, 1943	5	44.9
Oct. 31, 1942	8	66.0	Oct. 31, 1942	8	66.0	Nov. 30, 1943	5	44.9
Nov. 30, 1942	6	64.0	Nov. 30, 1942	6	64.0	Dec. 30, 1943	5	44.9
Dec. 31, 1942	8	66.0	Dec. 31, 1942	8	66.0	Jan. 30, 1944	5	44.9
Jan. 31, 1943	5	59.0	Jan. 31, 1943	5	59.0	Feb. 29, 1944	13	54.7
Feb. 28, 1943	3	57.4	Feb. 28, 1943	3	57.4	Mar. 29, 1944	5	44.9
Mar. 29, 1943	5	59.0	Mar. 29, 1943	5	59.0	April 29, 1944	11	54.2
April 28, 1943	7	56.8	April 28, 1943	7	56.8	May 29, 1944	8	53.7
May 29, 1943	5	59.0	May 29, 1943	5	59.0	June 29, 1944	12	54.0
June 29, 1943	7	62.0	June 29, 1943	7	62.0	July 29, 1944	12	54.0
July 29, 1943	5	64.7	July 29, 1943	5	64.7	Aug. 29, 1944	12	54.0
Aug. 29, 1943	7	67.3	Aug. 29, 1943	7	67.3	Sept. 29, 1944	12	54.0
Sept. 29, 1943	5	69.1	Sept. 29, 1943	5	69.1	Oct. 29, 1944	12	54.0
Oct. 29, 1943	7	71.9	Oct. 29, 1943	7	71.9	Nov. 29, 1944	12	54.0
Nov. 29, 1943	5	73.7	Nov. 29, 1943	5	73.7	Dec. 29, 1944	12	54.0
Dec. 29, 1943	7	76.5	Dec. 29, 1943	7</				

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

Date of collection	Chloride (ppm)	Temper-ature (°F)	Date of collection	Chloride (ppm)	Temper-ature (°F)	Date of collection	Chloride (ppm)	Temper-ature (°F)
<b>N1276.--Continued</b>								
May 30, 1945	760	52.3	July 15, 1953	8	54.4	Jan. 13, 1953	20	53.9
Sept. 19, 1946	770	56.4	Oct. 5, 1953	10	55.1	Apr. 15, 1953	14	50.5
Dec. 19, 1946	750	53.5	Dec. 15, 1953	12	53.4	July 15, 1953	24	60.3
May 21, 1947	740	51.9	Feb. 2, 1954	6	52.9	Oct. 5, 1953	20	64.9
Aug. 26, 1947	770	54.0	Apr. 7, 1954	8	53.3	Dec. 15, 1953	14	57.7
Dec. 15, 1947	730	54.0	June 8, 1954	6	54.3	Feb. 2, 1954	20	52.2
Mar. 17, 1948	900	50.0	July 6, 1954	8	56.6	Apr. 7, 1954	8	49.8
June 18, 1948	-	52.5	Sept. 1, 1954	4	54.5	June 8, 1954	20	55.3
Sept. 13, 1948	-	55.6	Dec. 10, 1954	-	54.2	July 6, 1954	26	58.9
Jan. 6, 1949	-	52.2	Apr. 7, 1955	-	52.2	Sept. 1, 1954	18	63.8
Apr. 6, 1949	-	50.8	July 18, 1955	-	56.6	Dec. 10, 1954	9	54.6
June 15, 1949	-	57.5	Apr. 3, 1956	7	52.7	Apr. 7, 1955	-	48.4
Sept. 21, 1949	-	54.6	Oct. 15, 1956	5	57.0	July 18, 1955	-	61.1
Nov. 2, 1949	-	55.1	June 10, 1957	7	54.2	Apr. 3, 1956	18	47.5
Dec. 1, 1949	800	56.2	Oct. 10, 1957	-	57.3	Oct. 15, 1956	18	61.6
Jan. 3, 1950	902	54.6	May 7, 1962	6	54.8	June 10, 1957	15	57.0
Jan. 27, 1950	730	54.3				Oct. 11, 1957	-	64.0
Mar. 3, 1950	650	51.4				May 7, 1962	14	51.5
Apr. 4, 1950	850	53.6						
June 16, 1950	570	54.4						
Nov. 2, 1950	1100	54.6						
Feb. 20, 1951	950	52.0						
May 8, 1951	610	52.0						
July 31, 1951	800	54.3						
Nov. 20, 1951	750	54.5						
Mar. 5, 1952	650	52.3						
May 7, 1952	700	51.7						
Sept. 5, 1952	650	55.3						
Jan. 12, 1953	800	54.5						
Apr. 15, 1953	600	52.8						
July 15, 1953	600	54.0						
Oct. 5, 1953	720	55.6						
Dec. 15, 1953	580	54.6						
Feb. 2, 1954	640	54.0						
Apr. 7, 1954	528	54.0						
June 8, 1954	620	54.1						
July 6, 1954	620	54.6						
Sept. 1, 1954	620	56.0						
Dec. 10, 1954	-	56.5						
Apr. 7, 1955	-	51.0						
Oct. 12, 1955	-	60.4						
Apr. 3, 1956	700	51.3						
Oct. 15, 1956	630	56.4						
June 10, 1957	596	53.2						
Oct. 10, 1957	-	58.1						
May 7, 1962	300	55.3						
<b>N1277.--Continued</b>								
May 29, 1942	6	53.0						
July 31, 1942	5	53.4						
Oct. 1, 1942	-	54.0						
Nov. 27, 1942	4	53.2						
Jan. 27, 1943	6	52.3						
Mar. 31, 1943	4.5	51.9						
May 30, 1944	6	52.7						
Sept. 4, 1944	6	54.4						
Dec. 6, 1944	-	53.0						
Mar. 1, 1945	5	51.6						
May 30, 1945	6	52.8						
Sept. 11, 1945	5	54.5						
Mar. 21, 1946	2	52.1						
June 5, 1946	2	52.8						
Sept. 19, 1946	7	54.7						
Dec. 19, 1946	5	52.8						
May 20, 1947	5	52.7						
Aug. 26, 1947	5	54.2						
Dec. 15, 1947	6	53.0						
June 18, 1948	-	53.5						
Sept. 13, 1948	-	55.8						
Jan. 6, 1949	-	52.2						
Apr. 6, 1949	-	50.6						
June 15, 1949	10	58.1						
Sept. 21, 1949	-	55.8						
Nov. 2, 1949	-	54.6						
Dec. 1, 1949	2	56.2						
Jan. 3, 1950	6	53.5						
Jan. 27, 1950	4	52.6						
Mar. 3, 1950	6	51.1						
Apr. 4, 1950	8	52.1						
June 16, 1950	5	55.5						
Nov. 2, 1950	5	53.6						
Feb. 20, 1951	4	52.5						
May 8, 1951	4	52.8						
July 31, 1951	3	54.6						
Nov. 20, 1951	4	53.9						
Mar. 5, 1952	4	52.8						
May 7, 1952	4	52.5						
Sept. 5, 1952	5	55.3						
Jan. 13, 1953	8	52.9						
Apr. 15, 1953	6	52.8						
<b>N1277.--Continued</b>								
July 15, 1953	8	54.4						
Oct. 5, 1953	10	55.1						
Dec. 15, 1953	12	53.4						
Feb. 2, 1954	6	52.9						
Apr. 7, 1954	8	53.3						
June 8, 1954	6	54.3						
July 6, 1954	8	56.6						
Sept. 1, 1954	4	54.5						
Dec. 10, 1954	-	54.2						
Apr. 7, 1955	-	52.2						
July 18, 1955	-	56.6						
Apr. 3, 1956	7	52.7						
Oct. 15, 1956	5	57.0						
June 10, 1957	7	54.2						
Oct. 10, 1957	-	57.3						
May 7, 1962	6	54.8						
<b>N1278.--Continued</b>								
Jan. 13, 1953	20	53.9						
Apr. 15, 1953	14	50.5						
July 15, 1953	24	60.3						
Oct. 5, 1953	20	64.9						
Dec. 15, 1953	14	57.7						
Feb. 2, 1954	20	52.2						
Apr. 7, 1954	8	49.8						
June 8, 1954	20	55.3						
July 6, 1954	26	58.9						
Sept. 1, 1954	18	63.8						
Dec. 10, 1954	9	54.6						
Apr. 7, 1955	-	48.4						
July 18, 1955	-	61.1						
Apr. 3, 1956	18	47.5						
Oct. 15, 1956	18	61.6						
June 10, 1957	15	57.0						
Oct. 11, 1957	-	64.0						
May 7, 1962	14	51.5						
<b>N1279.</b>								
Nov. 3, 1939	11	53.7						
Dec. 4, 1939	3	53.6						
Jan. 2, 1940	6	54.0						
Jan. 31, 1940	5	53.3						
Feb. 29, 1940	-	53.2						
Apr. 1, 1940	5	53.3						
May 1, 1940	4.5	53.4						
May 31, 1940	4	53.5						
July 1, 1940	4	53.8						
Aug. 1, 1940	4	54.4						
Sept. 3, 1940	6	54.8						
Oct. 1, 1940	4	54.2						
Oct. 31, 1940	4	53.9						
Dec. 2, 1940	4	53.6						
Jan. 2, 1941	5	53.1						
Jan. 31, 1941	11	53.3						
Mar. 3, 1941	6	53.2						
Mar. 31, 1941	5	53.2						
May 5, 1941	4.5	53.3						
June 3, 1941	5	53.6						
June 30, 1941	4.5	53.9						
July 31, 1941	6	54.2						
Aug. 29, 1941	5	54.2						
Sept. 30, 1941	7	53.9						
Oct. 31, 1941	5	55.6						
Dec. 1, 1941	5	53.8						
Jan. 2, 1942	4	53.1						
Feb. 27, 1942	4	52.3						
Mar. 31, 1942	21	52.3						
May 29, 1942	15	53.0						
July 31, 1942	5	60.7						
Oct. 1, 1942	5	64.2						
Nov. 27, 1942	11	59.1						
Jan. 27, 1943	19	50.6						
Mar. 31, 1943	19	47.2						
May 30, 1944	3	52.1						
Sept. 4, 1944	9	64.8						
Dec. 6, 1944	8	56.5						
Mar. 1, 1945	32	47.0						
May 30, 1945	5	52.8						
Sept. 11, 1945	9	63.5						
Dec. 7, 1945	2	56.4						
Mar. 21, 1946	4	47.1						
June 5, 1946	4	53.1						
Sept. 19, 1946	12	63.7						
Dec. 19, 1946	8	56.8						
Jan. 21, 1947	7	51.5						
Aug. 27, 1947	11	63.3						
Dec. 15, 1947	10	56.0						
Mar. 17, 1948	12	46.5						
June 18, 1948	-	55.0						
Sept. 10, 1948	-	65.0		</				

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

Date of collection	Chloride (ppm)	Temperature (°F)	Date of collection	Chloride (ppm)	Temperature (°F)	Date of collection	Chloride (ppm)	Temperature (°F)
<b>N1279.--Continued</b>								
May 7, 1952	5	53.9	Dec. 15, 1953	10	55.9	Oct. 12, 1955	-	58.0
Sept. 5, 1952	5	55.7	Feb. 2, 1954	12	54.8	Apr. 3, 1956	7	-
Jan. 13, 1953	6	53.2	Apr. 7, 1954	14	53.9	Oct. 11, 1957	-	56.5
Apr. 15, 1953	6	53.5	June 8, 1954	18	54.4	May 7, 1962	9	54.5
July 15, 1953	8	54.7	July 6, 1954	16	55.2			
Oct. 5, 1953	8	55.0	Sept. 1, 1954	14	56.1			
Dec. 15, 1953	12	54.2	Dec. 10, 1954	14	54.1			
Feb. 2, 1954	6	54.0	Oct. 12, 1955	-	59.2			
Apr. 7, 1954	6	54.0						
June 8, 1954	6	55.3						
July 6, 1954	6	55.8						
Sept. 1, 1954	4	55.3						
Dec. 10, 1954	4	55.0						
Apr. 7, 1955	-	51.8						
July 18, 1955	-	56.1						
Oct. 15, 1956	5	56.9						
June 11, 1957	5	54.7						
Oct. 11, 1957	-	58.9						
May 7, 1962	5	54.4						
<b>N1280.--Continued</b>								
Nov. 3, 1939	5	52.4	Nov. 1, 1939	6700	-			
Dec. 4, 1939	4	52.5	Dec. 1, 1940	6410	57.5			
Jan. 2, 1940	6	52.1	Jan. 2, 1940	6510	56.2			
Feb. 29, 1940	5	51.7	Feb. 29, 1940	6800	53.5			
Apr. 1, 1940	5	51.9	Apr. 1, 1940	7200	56.5			
May 1, 1940	5	51.9	May 1, 1940	7000	58.0			
May 31, 1940	4	51.9	May 31, 1940	6750	58.1			
July 1, 1940	5	52.1	July 1, 1940	6850	50.4			
Aug. 1, 1940	5	52.7	Aug. 1, 1940	7690	55.7			
Sept. 3, 1940	6	52.7	Sept. 3, 1940	6750	56.0			
Oct. 1, 1940	4.5	52.7	Oct. 1, 1940	6700	56.7			
Oct. 31, 1940	4	52.3	Oct. 31, 1940	6900	57.1			
Dec. 2, 1940	4	52.1	Dec. 2, 1940	6900	56.6			
Jan. 2, 1941	7	52.0	Jan. 2, 1941	7150	55.9			
Jan. 31, 1941	7	51.9	Jan. 31, 1941	6600	54.6			
Mar. 3, 1941	7	51.8	Mar. 3, 1941	7050	53.2			
Mar. 31, 1941	7	51.8	Mar. 31, 1941	6900	52.2			
May 5, 1941	6	51.9	May 5, 1941	6600	52.1			
June 3, 1941	6	52.1	June 3, 1941	6700	58.8			
June 30, 1941	7	52.2	June 30, 1941	6310	53.6			
July 31, 1941	6	52.6	July 31, 1941	6700	55.1			
Aug. 29, 1941	6	52.6	Aug. 29, 1941	6550	56.2			
Oct. 31, 1941	6	53.2	Oct. 30, 1941	6510	56.2			
Dec. 2, 1941	6.5	53.5	Oct. 31, 1941	6260	57.7			
Jan. 2, 1941	9	53.3	Dec. 1, 1941	6600	56.7			
Jan. 31, 1941	9	52.6	Jan. 2, 1942	6650	55.5			
Mar. 3, 1941	8	51.7	Mar. 31, 1942	6850	54.6			
Mar. 31, 1941	7	51.2	Dec. 1, 1942	6750	58.9			
May 5, 1941	6	50.8	Mar. 31, 1942	6750	52.4			
June 3, 1941	4.5	50.8	Jan. 2, 1942	6460	53.7			
June 30, 1941	9	51.2	July 31, 1942	6210	55.4			
July 31, 1941	6	52.2	Sept. 4, 1944	6260	57.1			
Aug. 29, 1941	6	54.0	Dec. 6, 1944	6360	57.3			
Oct. 31, 1941	6	54.3	Dec. 27, 1942	6310	56.8			
Dec. 1, 1941	5	54.6	Jan. 30, 1942	6850	54.6			
Jan. 2, 1942	6	54.0	Feb. 27, 1942	6750	58.9			
Jan. 30, 1942	5	53.1	Mar. 31, 1942	6750	52.4			
Feb. 27, 1942	15	49.7	May 29, 1942	6460	53.7			
Mar. 31, 1942	4	50.1	July 31, 1942	6210	55.4			
May 29, 1942	5	51.3	Sept. 4, 1944	6360	55.2			
Mar. 31, 1943	5	50.0	Dec. 6, 1944	6260	52.0			
May 30, 1944	8	51.3	Mar. 1, 1945	6460	53.6			
Sept. 4, 1944	8	53.8	May 30, 1945	6260	53.6			
Dec. 6, 1944	13	54.1	Sept. 11, 1945	6510	57.1			
Mar. 1, 1945	7	50.6	Oct. 19, 1945	5770	51.8			
May 30, 1945	9	52.1	Dec. 19, 1946	4180	55.7			
Sept. 11, 1945	7	54.3	May 20, 1947	5470	53.0			
Dec. 7, 1945	2	53.8	Dec. 15, 1947	6260	55.3			
Mar. 21, 1946	4	51.1	Mar. 17, 1948	52.4	52.0			
June 5, 1946	2	51.4	June 18, 1948	-	-			
Sept. 19, 1946	5	55.5	Sept. 10, 1948	-	-			
Dec. 19, 1946	4	54.3	Jan. 6, 1949	52.9	-			
May 21, 1947	4	50.1	May 21, 1947	52.3	-			
Aug. 27, 1947	7	53.6	Aug. 27, 1947	53.1	-			
Dec. 15, 1947	9	54.5	Dec. 15, 1947	52.8	-			
Mar. 17, 1948	5	51.8	Mar. 17, 1948	51.3	-			
June 18, 1948	-	52.8	June 18, 1948	-	-			
Sept. 10, 1948	-	54.8	Sept. 10, 1948	-	-			
Jan. 6, 1949	8	53.4	Jan. 27, 1950	52.8	-			
Apr. 7, 1949	6	52.4	Apr. 7, 1949	52.4	-			
June 20, 1949	4	52.6	June 20, 1949	-	-			
Sept. 27, 1949	-	56.0	Sept. 27, 1949	-	-			
Nov. 2, 1949	-	56.3	Nov. 2, 1949	-	-			
Dec. 1, 1949	-	55.3	Dec. 1, 1949	53.7	-			
Jan. 3, 1950	12	55.0	Jan. 6, 1949	52.9	-			
Jan. 27, 1950	13	54.0	Jan. 27, 1950	52.8	-			
Mar. 2, 1950	11	51.8	Mar. 2, 1950	51.9	-			
Apr. 4, 1950	10	52.6	Apr. 4, 1950	52.7	-			
June 16, 1950	7	54.8	June 16, 1950	54.8	-			
Nov. 2, 1950	10	54.6	Nov. 2, 1950	53.8	-			
Feb. 23, 1951	11	51.2	Feb. 23, 1951	51.0	-			
May 8, 1951	11	52.7	May 8, 1951	53.0	-			
July 31, 1951	8	54.1	July 31, 1951	53.7	-			
Nov. 20, 1951	6	55.2	Nov. 20, 1951	53.2	-			
Mar. 5, 1952	8	52.5	Mar. 5, 1952	52.8	-			
May 7, 1952	8	52.4	May 7, 1952	52.8	-			
Sept. 13, 1952	6	57.1	Sept. 5, 1952	54.2	-			
Jan. 13, 1953	10	53.1	Jan. 13, 1953	53.7	-			
Apr. 15, 1953	12	53.5	Apr. 15, 1953	53.5	-			
July 14, 1953	10	54.2	July 14, 1953	53.8	-			
Oct. 5, 1953	12	55.9	Oct. 15, 1953	53.5	-			
			Oct. 15, 1953	53.5	-			
			Apr. 7, 1954	53.7	-			
			June 8, 1954	54.7	-			
			July 6, 1954	54.2	-			
			Sept. 1, 1954	54.8	-			
			Dec. 10, 1954	52.2	-			
			Apr. 7, 1955	52.7	-			

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N.Y.--Continued

Date of collection	Chloride (ppm)	Temperature (°F)	Date of collection	Chloride (ppm)	Temperature (°F)	Date of collection	Chloride (ppm)	Temperature (°F)
<b>N1283</b>								
Nov. 1, 1939	6450	54.9	Feb. 27, 1942	7	53.1	Oct. 1, 1942	24	57.4
Dec. 1, 1939	6700	54.7	Mar. 31, 1942	8	53.3	Nov. 27, 1942	22	55.6
Jan. 2, 1940	6550	54.6	May 29, 1942	7	54.5	Jan. 27, 1943	25	50.0
Jan. 31, 1940	6600	54.7	July 31, 1942	5	54.6	Mar. 31, 1943	20	47.4
Feb. 29, 1940	6750	54.6	Oct. 1, 1942	6	54.8	May 29, 1944	21	50.1
Apr. 1, 1940	6950	54.4	Nov. 27, 1942	8	54.0	Sept. 4, 1944	21	56.2
May 1, 1940	6900	54.6	Jan. 27, 1943	13	52.6	Dec. 6, 1944	23	53.8
May 31, 1940	6460	54.6	Mar. 31, 1943	9	52.9	Mar. 1, 1945	22	47.8
July 1, 1940	6750	52.5	May 31, 1944	5	54.6	May 30, 1945	22	52.5
Aug. 1, 1940	6750	56.4	Sept. 4, 1944	7	55.6	Dec. 7, 1945	6	54.4
Sept. 3, 1940	6550	56.0	Dec. 6, 1944	11	53.9	Mar. 21, 1946	4	47.9
Oct. 1, 1940	6700	55.2	Mar. 1, 1945	8	52.9	June 5, 1946	4	50.6
Oct. 31, 1940	6800	54.8	May 30, 1945	5	54.1	Sept. 19, 1946	15	57.2
Dec. 2, 1940	6700	54.4	Sept. 11, 1945	6	54.9	Dec. 19, 1946	15	54.3
Jan. 2, 1941	6700	54.3	Mar. 21, 1946	2	53.6	May 20, 1947	5	50.1
Jan. 31, 1941	6510	54.0	June 5, 1946	2	54.1	Aug. 26, 1947	17	56.5
Mar. 3, 1941	6510	53.9	Sept. 19, 1946	5	55.9	Dec. 15, 1947	8	54.0
Mar. 31, 1941	6360	54.1	Dec. 19, 1946	3	53.4	Mar. 17, 1948	13	47.5
May 5, 1941	6550	54.5	May 20, 1947	5	54.3	June 18, 1948	-	58.3
June 3, 1941	6460	55.2	Aug. 26, 1947	6	58.7	Sept. 13, 1948	-	58.5
June 30, 1941	6310	55.6	Dec. 15, 1947	7	53.5	Jan. 6, 1949	19	52.8
July 31, 1941	6550	55.6	Mar. 17, 1948	9	53.5	Dec. 5, 1949	24	57.0
Aug. 29, 1941	6410	55.4	June 18, 1948	-	54.5	Jan. 3, 1950	37	55.1
Sept. 30, 1941	6260	55.1	Sept. 10, 1948	-	54.7	Jan. 27, 1950	27	53.0
Oct. 31, 1941	6460	55.5	Jan. 6, 1949	4	53.8	Mar. 3, 1950	24	48.5
Dec. 1, 1941	6110	54.8	Apr. 7, 1949	4	53.8	Apr. 4, 1950	24	50.5
Jan. 2, 1942	6700	54.0	June 20, 1949	-	54.2	June 16, 1950	25	54.5
Jan. 30, 1942	6700	53.1	Sept. 21, 1949	-	54.8	Nov. 2, 1950	18	59.7
Feb. 27, 1942	6600	52.8	Nov. 2, 1949	-	54.6	Feb. 20, 1951	22	50.5
Mar. 31, 1942	6410	53.5	Dec. 1, 1949	-	55.0	May 8, 1951	16	52.2
May 29, 1942	6260	55.2	Jan. 3, 1950	5	54.2	July 31, 1951	16	58.1
July 31, 1942	6110	55.6	Jan. 27, 1950	7	53.2	Nov. 20, 1951	16	59.9
Oct. 1, 1942	6310	55.8	Mar. 3, 1950	6	52.6	Mar. 6, 1952	24	-
Nov. 27, 1942	6210	54.6	Apr. 4, 1950	5	53.9	May 7, 1952	20	51.2
Jan. 27, 1943	6310	51.8	June 16, 1950	5	54.6	Sept. 5, 1952	18	61.2
Mar. 31, 1943	6360	52.8	Nov. 2, 1950	6	54.5	Jan. 13, 1953	22	54.4
May 31, 1944	6550	55.1	Feb. 20, 1951	6	54.0	Apr. 15, 1953	24	53.0
Sept. 4, 1944	6410	56.9	May 8, 1951	6	54.4	July 15, 1953	22	58.4
Dec. 6, 1944	6260	53.6	July 31, 1951	5	54.6	Oct. 5, 1953	22	61.7
Mar. 1, 1945	6260	52.5	Nov. 20, 1951	3	53.8	Dec. 15, 1953	-	58.1
May 30, 1945	5910	54.7	Mar. 6, 1952	4	53.3	Feb. 2, 1954	14	54.8
Sept. 11, 1945	6460	56.8	May 7, 1952	5	54.1	Apr. 7, 1954	20	51.9
Sept. 19, 1946	5070	58.6	Sept. 5, 1952	4	54.5	June 8, 1954	20	54.8
Dec. 19, 1946	5270	53.6	Jan. 12, 1953	6	53.6	July 6, 1954	22	57.8
May 20, 1947	4970	54.6	Apr. 16, 1953	4	53.5	Sept. 1, 1954	20	61.5
Dec. 15, 1947	6160	53.5	July 15, 1953	6	55.1	Dec. 10, 1954	22	55.1
Mar. 17, 1948	6360	53.0	Oct. 5, 1953	8	55.4	Apr. 7, 1955	-	50.7
June 18, 1948	-	55.5	Dec. 15, 1953	8	53.3	Oct. 12, 1955	-	64.3
Sept. 10, 1948	-	56.2	Feb. 2, 1954	8	53.1	Apr. 3, 1956	-	50.1
Dec. 6, 1948	-	52.2	Apr. 7, 1954	8	52.9			
Jan. 6, 1949	6180	-	June 9, 1954	8	53.0			
Apr. 7, 1949	6600	54.0	July 7, 1954	8	55.6			
June 20, 1949	-	55.3	Sept. 1, 1954	4	54.7			
Sept. 21, 1949	-	55.8						
Nov. 2, 1949	-	55.0						
Dec. 1, 1949	6650	54.8						
Jan. 3, 1950	8030	54.4						
Jan. 27, 1950	7000	53.7						
Mar. 3, 1950	6850	52.4						
Apr. 4, 1950	7140	54.2						
June 16, 1950	6900	55.4						
Nov. 2, 1950	7050	54.8						
Feb. 20, 1951	6850	53.8						
May 8, 1951	6700	55.0						
July 31, 1951	6460	56.1						
Nov. 20, 1951	6750	53.9						
Mar. 6, 1952	6550	52.8						
May 7, 1952	6460	54.4						
Sept. 5, 1952	8910	55.6						
Jan. 12, 1953	6950	53.6						
Apr. 16, 1953	9210	54.0						
July 15, 1953	6850	56.1						
Oct. 5, 1953	6260	55.5						
Dec. 15, 1953	6750	54.4						
Fe. 2, 1954	6750	53.8						
Apr. 7, 1954	6550	54.5						
June 9, 1954	6460	53.8						
July 7, 1954	6360	56.1						
Sept. 1, 1954	7050	55.8						
<b>N1285</b>								
Nov. 1, 1939	24	57.9						
Dec. 1, 1939	16	56.4						
Jan. 2, 1940	18	53.6						
Jan. 31, 1940	19	51.4						
Feb. 29, 1940	17	49.3						
Apr. 1, 1940	18	47.7						
May 1, 1940	23	47.5						
May 31, 1940	20	48.5						
June 1, 1940	20	50.6						
Aug. 1, 1940	18	53.4						
Sept. 3, 1940	20	55.4						
Oct. 1, 1940	20	56.2						
Oct. 31, 1940	22	56.2						
Dec. 2, 1940	21	54.7						
Jan. 2, 1941	19	52.6						
Jan. 31, 1941	19	50.7						
Mar. 3, 1941	23	48.8						
Mar. 31, 1941	22	47.4						
May 5, 1941	19	47.5						
June 3, 1941	23	49.3						
June 30, 1941	17	51.3						
July 31, 1941	17	53.4						
Aug. 29, 1941	17	55.4						
Sept. 30, 1941	18	55.1						
Oct. 31, 1941	18	56.9						
Dec. 1, 1941	18	55.6						
Jan. 2, 1942	20	53.5						
Jan. 30, 1942	20	51.4						
Mar. 31, 1942	26	48.1						
May 29, 1942	26	50.3						
July 31, 1942	26	54.9						
<b>N1286</b>								
Nov. 1, 1939	5	53.2						
Dec. 1, 1939	5	53.1						
Jan. 2, 1940	7	53.1						
Jan. 31, 1940	5	53.1						
Feb. 28, 1940	5	52.9						
Apr. 1, 1940	5	52.6						
May 1, 1940	6	52.1						
May 31, 1940	6	52.1						
July 1, 1940	6	52.2						
Aug. 1, 1940	7	52.6						
Sept. 3, 1940	6	52.9						
Oct. 1, 1940	6	52.7						
Oct. 31, 1940	6	52.6						
Dec. 2, 1940	5	52.6						
Jan. 2, 1941	8	52.6						
Jan. 31, 1941	8	52.5						
Mar. 3, 1941	8	52.3						
Mar. 31, 1941	8	52.1						
May 5, 1941	6	51.8						
June 3, 1941	5	52.1						
June 30, 1941	6	52.1						
July 31, 1941	6	52.4						
Aug. 29, 1941	6	52.4						
Sept. 30, 1941	6	52.0						
Oct. 31, 1941	9	53.6						
Dec. 1, 1941	9	52.6						
Jan. 2, 1942	8	52.3						
Jan. 30, 1942	6	52.1						
Feb. 27, 1942	8	51.9						
Mar. 31, 1942	9	51.6						
May 29, 1942	11	52.5						
July 31, 1942	15	52.6						
Oct. 1, 1942	12	53.2						
Nov. 27, 1942	12	53.0						
Jan. 27, 1943	15	51.2						
Mar. 31, 1943	15	51.1						

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N.Y.--Continued

Date of collection	Chloride (ppm)	Temperature (°F)	Date of collection	Chloride (ppm)	Temperature (°F)	Date of collection	Chloride (ppm)	Temperature (°F)
<b>N1286--Continued</b>								
May 29, 1944	9	52.4	Apr. 15, 1953	6	53.5	Sept. 5, 1952	24	61.4
Sept. 4, 1944	7	53.8	July 15, 1953	6	55.4	Jan. 13, 1953	24	55.3
Dec. 6, 1944	19	52.4	Oct. 5, 1953	8	56.1	Apr. 16, 1953	22	51.5
Mar. 1, 1945	13	51.2	Dec. 15, 1953	8	54.3	July 20, 1953	18	59.8
May 30, 1945	10	52.4	Feb. 2, 1954	6	53.1	Oct. 7, 1953	24	62.2
Sept. 24, 1945	6	54.0	Apr. 7, 1954	6	53.4	Dec. 16, 1953	22	58.6
Dec. 7, 1945	4	52.6	June 8, 1954	8	54.6	Feb. 3, 1954	22	53.3
Mar. 21, 1946	4	50.5	July 6, 1954	8	55.6	Apr. 8, 1954	20	51.9
June 5, 1946	6	52.3	Sept. 1, 1954	4	58.2	June 9, 1954	30	53.0
Sept. 19, 1946	5	54.8	Dec. 10, 1954	4	54.5	July 7, 1954	32	57.6
Dec. 19, 1946	3	52.6	Apr. 3, 1956	8	52.9	Sept. 2, 1954	30	62.1
May 20, 1947	5	52.1	Oct. 10, 1956	-	62.0			
Aug. 26, 1947	7	54.3	June 10, 1957	6	55.6			
Dec. 15, 1947	9	52.5						
Mar. 17, 1948	6	50.8						
June 18, 1948	-	52.5						
Sept. 13, 1948	-	55.3						
Jan. 6, 1949	8	52.4						
Dec. 5, 1949	10	53.7						
Jan. 3, 1950	7	53.6						
Jan. 27, 1950	9	53.4						
Mar. 3, 1950	8	50.8						
Apr. 4, 1950	8	53.3						
June 16, 1950	6	54.5						
Nov. 2, 1950	7	55.6						
Feb. 20, 1951	8	52.0						
May 3, 1951	10	54.2						
July 31, 1951	3	56.0						
Nov. 20, 1951	4	55.1						
Mar. 6, 1952	3	-						
May 7, 1952	8	53.9						
Sept. 5, 1952	7	56.5						
Jan. 13, 1953	8	54.4						
Apr. 15, 1953	6	54.0						
July 15, 1953	8	56.1						
Oct. 5, 1953	8	56.3						
Dec. 15, 1953	10	55.3						
Feb. 2, 1954	6	54.5						
Apr. 7, 1954	8	54.5						
June 8, 1954	8	55.2						
July 6, 1954	6	56.2						
Sept. 1, 1954	6	56.8						
Oct. 12, 1955	-	59.2						
Apr. 3, 1956	8	54.8						
<b>N1287</b>								
Feb. 27, 1942	5	51.2						
Mar. 31, 1942	5	51.1						
May 29, 1942	6	52.7						
July 31, 1942	5	53.4						
Oct. 1, 1942	5	54.0						
Nov. 21, 1942	5	52.9						
Jan. 27, 1943	5	50.8						
Mar. 31, 1943	4	51.0						
May 29, 1944	4	52.5						
Sept. 4, 1944	5	53.8						
Dec. 6, 1944	5	52.7						
Mar. 1, 1945	8	51.2						
May 30, 1945	7	52.7						
Sept. 24, 1945	8	54.6						
Dec. 7, 1945	2	52.6						
Mar. 21, 1946	2	51.4						
June 5, 1946	2	52.5						
Sept. 19, 1946	5	54.6						
Dec. 19, 1946	5	52.4						
May 20, 1947	5	52.5						
Aug. 26, 1947	5	54.0						
Dec. 15, 1947	6	52.5						
Mar. 18, 1948	10	50.8						
June 18, 1948	-	53.0						
Sept. 13, 1948	-	56.2						
Jan. 6, 1949	5	52.2						
Dec. 5, 1949	-	53.4						
Jan. 3, 1950	6	53.2						
Jan. 27, 1950	7	52.5						
Apr. 4, 1950	5	50.3						
June 16, 1950	5	54.6						
Nov. 2, 1950	6	57.0						
Feb. 20, 1951	5	52.0						
May 8, 1951	7	53.6						
July 31, 1951	2	56.4						
Nov. 20, 1951	3	54.3						
Mar. 6, 1952	6	-						
May 7, 1952	4	53.3						
Jan. 13, 1953	6	52.9						
<b>N1287--Continued</b>								
Apr. 15, 1953	6	53.5						
July 15, 1953	6	55.4						
Oct. 5, 1953	8	56.1						
Dec. 15, 1953	8	54.3						
Feb. 2, 1954	6	53.1						
April 7, 1954	6	53.4						
June 8, 1954	8	54.6						
July 6, 1954	8	55.6						
Sept. 1, 1954	4	58.2						
Dec. 10, 1954	4	54.5						
Apr. 3, 1956	8	52.9						
Oct. 10, 1956	-	62.0						
June 10, 1957	6	55.6						
<b>N1288--Continued</b>								
Nov. 1, 1939	13	60.0						
Dec. 1, 1939	5	-						
Jan. 2, 1940	5	-						
Jan. 31, 1940	14	58.5						
Feb. 29, 1940	13	55.6						
March 1, 1940	14	52.8						
Feb. 27, 1942	14	50.4						
Mar. 1, 1942	21	48.5						
May 1, 1942	14	48.3						
May 31, 1942	13	49.5						
July 1, 1942	12	51.8						
Aug. 1, 1942	11	54.8						
Sept. 3, 1942	-	57.7						
Oct. 31, 1942	14	58.5						
Dec. 31, 1942	14	58.4						
Mar. 31, 1943	21	51.1						
June 3, 1943	21	53.3						
July 31, 1943	20	55.6						
Sept. 1, 1944	15	56.0						
Dec. 6, 1944	15	56.8						
Mar. 1, 1945	19	48.0						
May 30, 1945	24	52.5						
Sept. 11, 1945	13	57.9						
Dec. 1, 1946	2	50.5						
June 16, 1946	2	53.0						
Sept. 19, 1946	5	57.7						
Dec. 18, 1946	5	54.9						
May 21, 1947	5	52.9						
Dec. 16, 1947	9	54.5						
Mar. 17, 1948	5	50.0						
June 16, 1948	-	54.5						
Sept. 10, 1948	19	55.4						
Dec. 18, 1948	20	56.7						
Mar. 1, 1949	20	60.1						
May 21, 1949	22	58.4						
Sept. 27, 1949	17	52.0						
Mar. 31, 1949	22	48.8						
May 29, 1949	12	51.7						
Sept. 20, 1949	3	53.7						
Oct. 7, 1953	-	57.5						
Dec. 11, 1953	-	57.0						
Feb. 3, 1954	2	54.0						
Apr. 8, 1954	8	54.6						
June 9, 1954	8	53.4						
July 7, 1954	6	57.0						
<b>N1289</b>								
Nov. 1, 1939	6	56.4						
Dec. 1, 1939	5	55.1						
Jan. 2, 1940	5	52.6						
Jan. 1, 1940	5	-						
Feb. 29, 1940	7	-						
July 1, 1940	5	-						
Aug. 1, 1940	11	-						
Sept. 1, 1940	11	-						
Oct. 31, 1940	5	-						
Dec. 29, 1940	6	-						
July 31, 1942	6	54.3						
Oct. 1, 1942	5	57.1						
Nov. 27, 1942	6	55.6						
Jan. 27, 1943	5	51.9						
Mar. 2, 1943	6	52.6						
Apr. 4, 1943	7	52.5						
June 16, 1950	6	54.2						
Nov. 1, 1950	3	57.4						
Feb. 20, 1951	6	52.5						
May 8, 1951	5	53.2						
July 31, 1951	3	55.7						
Nov. 20, 1951	3	56.8						
Mar. 2, 1952	6	52.6						
Apr. 16, 1953	8	53.2						
July 31, 1951	3	55.7						
Nov. 20, 1951	3	56.8						
Mar. 2, 1952	6	52.6						
Apr. 16, 1953	8	53.2						
July 20, 1953	8	56.8						
Oct. 7, 1953	-	57.5						
Dec. 11, 1953	-	57.0						
Feb. 3, 1954	2	54.0						
Apr. 8, 1954	8	54.6						
June 9, 1954	8	53.4						
July 7, 1954	6	57.0						

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

Date of collection	Chloride (ppm)	Temperature (°F)	Date of collection	Chloride (ppm)	Temperature (°F)	Date of collection	Chloride (ppm)	Temperature (°F)
<b>N1290.</b>								
May 29, 1942	6	53.6	June 5, 1941	9	-	May 11, 1945	15	-
July 31, 1942	6	54.7	Mar. 24, 1945	4	-	July 7, 1949	15	-
Oct. 1, 1942	5	55.2	July 7, 1949	9	-	Sept. 14, 1956	15	56.7
Nov. 27, 1942	5	53.6	Sept. 14, 1956	10	53.7	Apr. 30, 1957	14	52.2
Jan. 27, 1943	4	51.3	Sept. 24, 1957	5.6	-	July 17, 1958	11	-
Mar. 31, 1943	4	51.0	June 23, 1958	6.5	-	Sept. 1, 1959	16	-
May 29, 1944	5	53.9	Sept. 1, 1959	11	-	Mar. 9, 1960	16	-
Sept. 5, 1944	7	55.6	Mar. 9, 1960	8	-	Mar. 31, 1960	15	-
Dec. 6, 1944	7	53.7	May 25, 1961	6	-	May 25, 1961	15	-
Mar. 1, 1945	7	50.2	May 31, 1962	-	54.2	Dec. 12, 1961	14	-
May 30, 1945	6	53.4				May 31, 1962	-	52.2
Sept. 11, 1945	6	55.8						
Mar. 21, 1946	2	51.8	<b>N1716.</b>					
June 5, 1946	2	53.2	June 23, 1938	6	53.1	May 11, 1945	15	-
Sept. 19, 1946	5	57.0	Mar. 29, 1939	6	52.7	July 7, 1949	15	-
Dec. 18, 1946	8	54.0	Jan. 5, 1940	6	52.5	Sept. 14, 1956	15	56.7
May 21, 1947	8	53.1	May 6, 1941	6	53.0	Apr. 30, 1957	14	52.2
Aug. 26, 1947	4	55.0	Oct. 27, 1942	9	-	July 17, 1958	11	-
Dec. 15, 1947	8.5	53.3	Mar. 26, 1945	10	56.5	Sept. 1, 1959	16	-
Mar. 17, 1948	4	51.8	July 1, 1948	4.8	-	Mar. 9, 1960	16	-
June 18, 1948	-	54.5	Aug. 29, 1951	6	55.0	Mar. 31, 1960	15	-
Sept. 10, 1948	-	57.1				May 25, 1961	15	-
Jan. 6, 1949	3	52.7				Dec. 12, 1961	14	-
Apr. 6, 1949	4	52.1				May 31, 1962	-	52.2
June 15, 1949	8	54.5	<b>N1877.</b>					
Sept. 27, 1949	-	55.9	Dec. 14, 1937	6	-	May 11, 1945	15	-
Nov. 2, 1949	-	55.8	June 23, 1938	6	53.1	July 7, 1949	15	-
Dec. 1, 1949	8	54.9	Mar. 29, 1939	6	52.7	Sept. 14, 1956	15	56.7
Jan. 3, 1950	7	54.2	Jan. 5, 1940	6	52.5	Apr. 30, 1957	14	52.2
Jan. 27, 1950	8	53.3	May 6, 1941	6	53.0	July 17, 1958	11	-
Mar. 2, 1950	6	51.8	Oct. 27, 1942	9	-	Sept. 1, 1959	16	-
Apr. 4, 1950	7	52.6	Mar. 26, 1945	10	56.5	Mar. 9, 1960	16	-
June 16, 1950	5	54.7	July 1, 1948	4.8	-	Mar. 31, 1960	15	-
Nov. 1, 1950	4	54.9	Aug. 29, 1951	6	55.0	May 25, 1961	15	-
Feb. 20, 1951	5	51.5				Dec. 12, 1961	14	-
May 8, 1951	6	53.6				May 31, 1962	-	52.2
July 31, 1951	3	55.5	<b>N1912.</b>					
Nov. 20, 1951	5	51.5	May 10, 1943	-	51.1	May 11, 1945	15	-
Mar. 5, 1952	5	52.7	July 13, 1943	-	51.5	June 24, 1952	29	-
May 7, 1952	4	53.6	July 25, 1944	8.4	-	Mar. 31, 1953	11	-
Sept. 5, 1952	5	58.5	Oct. 14, 1946	5.6	-	Jan. 20, 1954	29	-
Jan. 13, 1953	8	53.7	Nov. 25, 1946	6.2	-	Mar. 21, 1955	12	-
Apr. 16, 1953	8	53.5	Jan. 23, 1962	11	-	Dec. 24, 1957	25	-
July 20, 1953	8	56.4	<b>N1926.</b>					
Oct. 7, 1953	8	57.0	Aug. 22, 1948	6.4	-	Oct. 21, 1959	21	-
Feb. 3, 1954	6	52.7	Aug. 7, 1953	5.8	-	Oct. 18, 1961	23	-
Apr. 8, 1954	6	53.7	Oct. 18, 1957	13	55.0	Mar. 19, 1962	21	-
June 9, 1954	6	53.2				July 17, 1962	-	54.4
July 7, 1954	6	56.4	<b>N1927.</b>					
Sept. 2, 1954	4	56.5	Sept. 2, 1943	8.4	-	Dec. 3, 1947	19	-
<b>N1328.</b>								
July 1, 1948	3.4	-	Oct. 17, 1944	2.4	-	July 8, 1948	16	-
May 16, 1950	4	58.7	Apr. 9, 1945	6	69.0	Apr. 26, 1949	20	-
July 10, 1952	5.2	58.7	Dec. 6, 1945	2	68.8	July 27, 1949	17	-
Oct. 3, 1957	5	-	Sept. 17, 1946	8	69.1	Nov. 2, 1949	21	-
Oct. 6, 1959	4	-	May 20, 1947	5	68.5	Jan. 21, 1952	12	1/
Dec. 19, 1961	3.8	-	Mar. 18, 1948	3	68.0	Mar. 30, 1953	13	-
May 29, 1962	-	59.1	Dec. 13, 1949	4	67.0	Mar. 10, 1954	13	-
<b>N1483.</b>								
Jan. 25, 1946	55	-	Mar. 22, 1950	4	68.6	Oct. 8, 1954	13	-
Mar. 8, 1946	60	-	June 1, 1951	2	69.4	Nov. 9, 1954	15	-
July 7, 1955	2,100	-	May 6, 1952	4	68.7	Mar. 12, 1957	17	-
Apr. 2, 1956	5,470	-	July 14, 1953	8	69.1	Mar. 22, 1957	16	-
Dec. 20, 1956	5,170	-	Aug. 16, 1954	3.4	-	Nov. 4, 1957	17	-
<b>N1484.</b>								
Jan. 25, 1946	115	-	Sept. 21, 1955	3.8	-	Jan. 25, 1960	16	-
Mar. 8, 1946	145	-	Mar. 29, 1960	2	-	Feb. 3, 1960	17	-
July 7, 1955	88	56.1				Oct. 5, 1961	17	-
Apr. 2, 1956	104	56.0	<b>N1958.</b>					
Oct. 3, 1956	90	-	Sept. 10, 1949	4.2	-	1/ Originally 85 ft deep. Deepened to 207 ft, Sept. 1950.		
Dec. 20, 1956	100	-	Mar. 10, 1952	4.2	-			
<b>N1696.</b>								
Oct. 28, 1952	6.4	-	Sept. 16, 1953	4	-	July 8, 1948	13	-
Oct. 1, 1953	6.9	60.0	April 15, 1954	4	-	Aug. 17, 1949	15	-
Sept. 15, 1955	5.9	60.0	Oct. 23, 1961	3.8	-	Nov. 2, 1949	15	1/
Sept. 20, 1956	6.4	60.0	Feb. 27, 1962	5	-	Jan. 21, 1952	4	1/
Aug. 22, 1958	6.8	58.0	May 22, 1962	-	59.8	Oct. 27, 1952	3.4	-
July 6, 1959	6.6	58.0				Mar. 1953	3.4	-
Feb. 2, 1960	5.8	58.0				Mar. 10, 1954	3.6	-
						Nov. 9, 1954	5.2	-
						Oct. 17, 1961	4.8	-
						July 17, 1962	-	52.4
<b>N2028.</b>								
Apr. 1, 1947	4.4	-	<b>N2580.</b>					
July 10, 1952	6.3	-	Sept. 10, 1949	4.2	-	July 8, 1948	13	-
Feb. 14, 1955	6.2	-	Mar. 10, 1952	4.2	-	Aug. 17, 1949	15	-
May 1, 1956	7.8	-	Sept. 16, 1953	4	-	Nov. 2, 1949	15	1/
Oct. 3, 1957	7.4	-	April 15, 1954	4	-	Jan. 21, 1952	4	1/
Apr. 7, 1960	7.4	-	Oct. 23, 1961	3.8	-	Oct. 27, 1952	3.4	-
Dec. 12, 1961	6.4	-	Feb. 27, 1962	-		Mar. 1953	3.4	-
May 29, 1962	-	51.9				Mar. 10, 1954	3.6	-
						Nov. 9, 1954	5.2	-
						Oct. 17, 1961	4.8	-
						July 17, 1962	-	52.4
<b>N2581.</b>								
Apr. 20, 1948	-	51.0	<b>N202.</b>					
Aug. 17, 1949	23	-	Sept. 10, 1949	4.2	-	Sept. 10, 1949	4.2	-
Jan. 21, 1952	20	-	Mar. 10, 1952	4.2	-	Mar. 10, 1952	4.2	-
Apr. 7, 1953	7	-	Sept. 16, 1953	4	-	Sept. 16, 1953	4	-
Feb. 18, 1954	19	-	April 15, 1954	20	-	April 15, 1954	20	-
Apr. 21, 1955	20	-	Oct. 23, 1961	3.8	-	Oct. 23, 1961	3.8	-
Aug. 24, 1959	17.2	-	Feb. 27, 1962	-		Feb. 27, 1962	-	

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

Date of collection	Chloride (ppm)	Temperature (°F)	Date of collection	Chloride (ppm)	Temperature (°F)	Date of collection	Chloride (ppm)	Temperature (°F)
<b>N2747.</b>								
Sept. 29, 1954	11	-	Feb. 17, 1949	4	-	July 3, 1950	16	-
Sept. 19, 1957	12	-	Aug. 17, 1949	4.5	-	Jan. 8, 1952	16	-
Jan. 13, 1959	3.5	-	Jan. 21, 1952	8	-	Sept. 28, 1953	16	-
Apr. 20, 1959	3.5	-	Feb. 28, 1952	3.7	-	June 2, 1954	18	-
Feb. 11, 1960	15	-	Mar. 27, 1952	3.9	-	Aug. 1, 1957	19	-
Apr. 13, 1960	13	-	Apr. 7, 1952	3.5	-	Feb. 16, 1960	19	-
Feb. 29, 1961	10	-	Apr. 7, 1953	3	-	Aug. 31, 1960	26	-
Jan. 10, 1962	14	-	Feb. 18, 1954	3.6	-	Jan. 25, 1962	18	-
May 22, 1962	-	53.5	Apr. 21, 1955	3.6	-	Feb. 21, 1962	20	54.0
			May 10, 1960	7.2	-	July 20, 1962	-	54.4
			Nov. 16, 1961	7.6	-			
<b>N2790.</b>								
Nov. 17, 1950	11	-	<b>N3194.</b>					
Feb. 23, 1951	11	56.8	Feb. 17, 1949	4	-	July 3, 1950	16	-
Apr. 27, 1951	10	57.2	Aug. 17, 1949	4.5	-	Jan. 8, 1952	16	-
May 31, 1951	-	56.8	Jan. 21, 1952	8	-	Sept. 28, 1953	16	-
June 1, 1951	8	58.4	Feb. 28, 1952	3.7	-	June 2, 1954	18	-
June 27, 1951	8	57.7	Mar. 27, 1952	3.9	-	Aug. 1, 1957	19	-
Aug. 2, 1951	7	-	Apr. 7, 1952	3.5	-	Feb. 16, 1960	19	-
Aug. 3, 1951	7	58.2	Apr. 7, 1953	3	-	Aug. 31, 1960	26	-
Sept. 27, 1951	7	57.6	Feb. 18, 1954	3.6	-	Jan. 25, 1962	18	-
Oct. 30, 1951	-	56.6	Apr. 21, 1955	3.6	-	Feb. 21, 1962	20	54.0
Oct. 31, 1951	6	57.4	May 10, 1960	7.2	-	July 20, 1962	-	54.4
Nov. 27, 1951	7	55.6	Nov. 16, 1961	7.6	-			
Nov. 19, 1952	6	-						
Feb. 19, 1953	8	-	<b>N3312.</b>					
Mar. 12, 1953	6	-	Jan. 21, 1952	4	-	July 3, 1950	16	-
Apr. 16, 1953	6	-	Apr. 7, 1953	4.2	-	Jan. 8, 1952	16	-
June 15, 1953	10	-	Feb. 18, 1954	5.4	-	Sept. 28, 1953	16	-
Sept. 9, 1953	6	-	Apr. 21, 1955	5.2	-	June 2, 1954	18	-
Dec. 8, 1953	6	-	Mar. 8, 1956	5.4	-	Aug. 1, 1957	19	-
Feb. 5, 1954	8	-	Nov. 18, 1957	6.8	-	Feb. 16, 1960	19	-
Apr. 12, 1954	6	-	Jan. 25, 1960	7	-	Aug. 31, 1960	26	-
May 12, 1954	4	-	Jan. 16, 1961	7.8	-	Jan. 25, 1962	18	-
June 10, 1954	4	54.0	Feb. 21, 1962	8	52.2	July 17, 1962	-	53.3
June 24, 1954	12	55.5						
July 19, 1954	5	58.9	<b>N3313.</b>					
Aug. 6, 1954	8	-	Jan. 21, 1952	16	-	July 3, 1950	16	-
Aug. 26, 1954	7	58.0	Mar. 31, 1953	13	-	Jan. 8, 1952	16	-
Sept. 28, 1954	12	-	Mar. 10, 1954	14	-	Sept. 26, 1957	9.2	-
Feb. 7, 1955	-	55.2	Dec. 5, 1955	15	-	Feb. 11, 1959	10	-
Mar. 3, 1955	-	54.8	Aug. 29, 1959	13	-	Oct. 14, 1959	7.5	-
May 4, 1956	5	-	May 10, 1960	14	-	Feb. 25, 1960	8.6	-
June 13, 1956	4	-	Oct. 9, 1961	17	-	May 4, 1961	9.5	-
July 10, 1956	5	-	Jan. 15, 1962	18	-	Jan. 8, 1962	11	-
Mar. 22, 1957	4	-				May 29, 1962	-	53.0
Apr. 18, 1957	5	-	<b>N3327.</b>					
Sept. 20, 1957	6	-	Jan. 18, 1952	3	-	Nov. 20, 1951	6	68.8
Nov. 19, 1957	6	-	Apr. 28, 1953	3.8	-	Feb. 26, 1952	4.4	-
July 30, 1958	6	-	May 5, 1954	3.8	-	Sept. 11, 1952	6	69.5
Apr. 1959	6	-	Dec. 7, 1955	5.2	-	Mar. 14, 1953	10	-
Nov. 9, 1959	6	-	Aug. 5, 1958	7.0	-	July 14, 1953	6	69.6
Mar. 1, 1960	6	-	Aug. 25, 1960	4.8	-	Mar. 24, 1954	4.6	-
June 16, 1960	3	59.0	Nov. 10, 1961	5.2	-	Sept. 3, 1954	8	69.7
Sept. 26, 1961	4	-	Mar. 1, 1962	4.8	-	Sept. 25, 1958	6	-
Apr. 11, 1962	4.5	-				Aug. 20, 1959	8	69.8
Aug. 1, 1962	-	59.2	<b>N3456.</b>					
			Mar. 13, 1952	6.4	-	Mar. 1, 1960	4.8	-
<b>N3185.</b>			Apr. 24, 1952	6.2	-	Apr. 5, 1960	4.8	-
Jan. 15, 1952	8	-	Mar. 23, 1953	7	-	June 1, 1960	6	69.7
July 31, 1952	14	-	Mar. 17, 1954	7.6	-	Nov. 6, 1961	3.6	-
Sept. 7, 1954	11	-	Nov. 5, 1957	14	-	Feb. 1, 1962	5.4	-
Jan. 11, 1955	11	-	Apr. 2, 1958	13	-	Feb. 20, 1962	-	69.6
Oct. 7, 1957	15	-	May 9, 1960	13	-			
May 1, 1959	12	-	Mar. 1, 1961	17	-	<b>N3457.</b>		
Mar. 10, 1960	15	-	Oct. 26, 1961	16	-	Mar. 13, 1952	4.8	-
May 8, 1961	17	-	July 17, 1962	-	54.4	Mar. 23, 1953	4	-
Jan. 3, 1962	21	-				Mar. 17, 1954	4.2	-
						Nov. 6, 1957	5.4	-
<b>N3193.</b>			Apr. 2, 1958	5	-	Apr. 9, 1954	5	-
July 28, 1949	5	-	Mar. 9, 1960	5.2	-	Feb. 2, 1957	5.1	64.0
Mar. 1, 1953	9.2	-	Mar. 2, 1961	5.4	-	Aug. 22, 1958	5	-
Mar. 10, 1954	8.8	-				Feb. 2, 1960	4.5	58.0
Nov. 4, 1957	12	-	<b>N3455.</b>					
Apr. 10, 1958	11	-	Apr. 24, 1952	3.6	-	Jan. 9, 1952	8.4	-
			Mar. 26, 1953	4.6	-	Mar. 26, 1952	9.3	-
<b>N3456.</b>			Mar. 17, 1954	5.8	-	Mar. 31, 1953	11	-
July 28, 1949	5	-	Nov. 6, 1957	7.2	-	Jan. 27, 1954	12	-
Mar. 1, 1953	9.2	-	Apr. 2, 1958	8.4	-	Sept. 12, 1955	11	-
Mar. 10, 1954	8.8	-	Mar. 9, 1960	6.8	-	Dec. 24, 1957	13	-
Nov. 4, 1957	12	-	Oct. 17, 1961	8	-	Oct. 21, 1959	14	-
Apr. 10, 1958	11	-	July 17, 1962	-	53.8	Oct. 18, 1961	12	-
						July 17, 1962	-	54.2
<b>N3708.</b>								
Mar. 2, 1951	12	-	<b>N3704.</b>					
Mar. 31, 1951	138	-	Mar. 13, 1952	8.4	-	Jan. 9, 1952	8.4	-
May 5, 1951	14	-	Mar. 23, 1953	9.3	-	Mar. 26, 1952	9.3	-
May 26, 1951	106	-	Mar. 17, 1954	11	-	Mar. 31, 1953	11	-
June 30, 1951	90	-	Nov. 6, 1957	12	-	Jan. 27, 1954	12	-
July 30, 1951	20	-	Apr. 2, 1958	13	-	Sept. 12, 1955	11	-
Nov. 9, 1953	124	-	Mar. 9, 1960	6.8	-	Dec. 24, 1957	13	-
July 22, 1955	450	-	Oct. 17, 1961	8	-	Oct. 21, 1959	14	-
			July 17, 1962	-	53.8	Oct. 18, 1961	12	-
						July 17, 1962	-	54.2

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

Date of collection	Chloride (ppm)	Temperature (°F)
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N3709.

Mar. 2, 1951	6	-
Mar. 31, 1951	36	-
May 5, 1951	158	-
May 26, 1951	366	-
June 30, 1951	480	-
July 30, 1951	515	-
Nov. 9, 1953	4,200	59.8
July 25, 1955	3,850	58.3

N3710.

Mar. 31, 1951	14	-
May 5, 1951	60	-
May 26, 1951	70	-
June 30, 1951	44	-
July 30, 1951	102	-
Nov. 9, 1953	24	61.5
July 9, 1955	-	59.1

N3711.

Mar. 31, 1951	7	-
May 5, 1951	14	-
May 26, 1951	14	-
June 30, 1951	10	-
July 30, 1951	10	-
Nov. 9, 1953	12	58.3
July 19, 1955	6	62.0

N3861.

Oct. 10, 1952	15,300	60.0
May 13, 1953	15,200	-
May 18, 1953	16,700	-
June 15, 1953	15,700	-
Aug. 12, 1953	16,200	56.8
Dec. 7, 1953	15,300	56.9
Feb. 5, 1954	15,700	59.2
May 13, 1954	15,800	-
July 9, 1954	15,700	-
Oct. 27, 1954	16,600	-
Dec. 16, 1954	16,600	-
Mar. 7, 1955	15,700	-
May 19, 1955	15,900	-
Aug. 5, 1955	15,700	-
Jan. 4, 1956	15,500	-
July 5, 1956	15,600	-
Feb. 18, 1957	16,100	-
Apr. 16, 1957	15,900	-
Sept. 17, 1957	15,800	-
May 21, 1958	15,500	-
Apr. 9, 1959	14,700	-
Aug. 6, 1959	15,500	60.0
Feb. 29, 1960	15,500	-
July 20, 1960	15,500	-

Selected values only. Chloride concentrations probably effected by pumping rates and analytical errors.

N3862.

Apr. 19, 1952	1,900	-
Oct. 31, 1952	1,920	57.0
Nov. 24, 1952	1,800	-
Apr. 14, 1953	2,150	-
June 15, 1953	2,200	-
Aug. 12, 1953	2,300	-
Oct. 23, 1953	2,200	-
Dec. 18, 1953	2,100	-
Jan. 21, 1954	2,200	-
Feb. 5, 1954	2,100	56.5
Mar. 5, 1954	1,920	-
June 8, 1954	2,100	-
Oct. 27, 1954	2,080	-
Apr. 19, 1955	1,920	-
June 14, 1955	1,920	-
Aug. 4, 1955	1,960	-
Jan. 5, 1956	1,920	-
Mar. 20, 1956	2,000	-
June 12, 1956	1,960	-
Sept. 18, 1957	1,920	-
Nov. 15, 1957	2,040	-
Aug. 7, 1958	2,240	-
Apr. 1959	2,080	-
Nov. 4, 1959	1,950	-
Mar. 2, 1960	1,960	-
July 25, 1960	1,900	-
Jan. 3, 1961	1,950	-
Apr. 10, 1962	2,100	-

Selected values only. Chloride concentrations probably effected by pumping rates and analytical errors.

Date of collection	Chloride (ppm)	Temperature (°F)
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N3864.

May 2, 1952	4	-
Oct. 24, 1952	3	59.0
Feb. 18, 1953	6	-
Apr. 11, 1953	8	-
May 15, 1953	6	-
July	5	-
Sept. 8, 1953	8	-
Oct. 20, 1953	5	-
Dec. 15, 1953	4	-
Jan. 19, 1954	6	-
Apr. 6, 1954	5	-
May 12, 1954	5	-
July 9, 1954	6	-
Oct. 25, 1954	4	-
Dec. 15, 1954	2	-
Mar. 3, 1955	3	-
May 17, 1955	3	-
Sept. 7, 1955	5	-
Oct. 3, 1955	2	-
Dec. 29, 1955	5	-
Mar. 20, 1956	4	-
June 7, 1956	3	-
Feb. 14, 1957	5	-
Apr. 12, 1957	5	-
Nov. 8, 1957	5	-
May 26, 1958	4	-
Aug. 4, 1958	6	-
Mar. 17, 1959	6	-

N3867.

Date of collection	Chloride (ppm)	Temperature (°F)
Sept. 17, 1952	4	-
Dec. 11, 1952	3.5	-
Mar. 12, 1953	6	-
June 15, 1953	8	-
Aug. 18, 1953	5	-
Sept. 14, 1953	8	-
Nov. 16, 1953	5	-
Jan. 19, 1954	4	-
May 12, 1954	6	-
July 10, 1954	6	-
Dec. 15, 1954	5	-
May 19, 1955	4	-
Sept. 8, 1955	5	-
Dec. 30, 1955	3	-
Apr. 30, 1956	5	-
Feb. 15, 1957	5	-
Apr. 15, 1957	4	-
May 19, 1958	8	-
Aug. 6, 1958	8	-
Apr. 1959	6	-
July 21, 1960	5	-

N3932.

Date of collection	Chloride (ppm)	Temperature (°F)
Nov. 24, 1952	7	56.5
Feb. 19, 1953	12	-
June 15, 1953	6	-
Aug. 12, 1953	3	-
Oct. 22, 1953	5	-
Dec. 7, 1953	4	56.0
Feb. 5, 1954	4	56.3
April 7, 1954	8	-
July 20, 1954	6	57.9
Mar. 7, 1955	2	-
Aug. 5, 1955	4	-
Nov. 21, 1955	5	-
Feb. 17, 1956	3	-
July 5, 1956	5	-
Mar. 18, 1957	7	-
Sept. 17, 1957	5	-
May 21, 1958	4	-
Aug. 17, 1959	4.5	58.4
Mar. 9, 1960	4.4	-
July 20, 1960	4	-

N3937.

Date of collection	Chloride (ppm)	Temperature (°F)
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Apr. 1, 1953	13	-
July 7, 1954	4.6	-
Jan. 14, 1958	5.4	-
Aug. 24, 1960	3.6	-
Jan. 29, 1962	4.4	-
July 18, 1962	-	55.9

N4026.

Date of collection	Chloride (ppm)	Temperature (°F)
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Nov. 21, 1952	5	55.4
May 16, 1953	5	-
Aug. 19, 1953	5	-
Sept. 9, 1953	4	-
Oct. 22, 1953	5	-
Dec. 17, 1953	4	-
Mar. 5, 1954	5	-
Apr. 8, 1954	4	-
May 14, 1954	3	-
June 8, 1954	5	-
July 19, 1954	6	-
Aug. 10, 1955	3	55.8
Apr. 20, 1955	4	-
May 20, 1955	3	-
Apr. 9, 1959	8	-
July 11, 1960	5	56.0
Sept. 22, 1961	6	-
Apr. 6, 1962	5	-

N4042.

Date of collection	Chloride (ppm)	Temperature (°F)
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Oct. 28, 1953	5.6	-
Sept. 16, 1957	5.4	-
May 18, 1959	3	-
Apr. 18, 1960	8.4	-
Sept. 14, 1960	6.2	-
Nov. 21, 1961	6.8	-
July 18, 1962	-	52.4

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N.Y.--Continued

Date of collection	Chloride (ppm)	Temper-ature (°F)	Date of collection	Chloride (ppm)	Temper-ature (°F)	Date of collection	Chloride (ppm)	Temper-ature (°F)
<b>N5209.</b>								
May 23, 1956	5.4	62.6	July 22, 1958	4.2	-	Sept. 19, 1959	16	57.0
Aug. 30, 1957	9	-	Aug. 20, 1959	-	70.1	June 18, 1961	-	55.2
Sept. 24, 1957	8.8	-	Apr. 5, 1960	5	-	June 30, 1961	-	55.6
Nov. 8, 1957	7.5	-	June 21, 1960	5	-	July 17, 1961	-	56.1
Jan. 10, 1958	10	-	Mar. 22, 1961	5	-	Aug. 7, 1961	23	57.8
Mar. 7, 1958	8.5	-	Nov. 6, 1961	3.6	-	Aug. 17, 1961	-	57.7
Apr. 10, 1958	8.5	-	Feb. 1, 1962	6.2	-	Sept. 3, 1961	-	59.2
May 8, 1958	8	-	May 20, 1962	-	69.8	Sept. 18, 1961	-	58.9
June 20, 1958	8	-	<b>N6450.</b>					
July 17, 1958	8	-	July 22, 1958	4.2	-	Oct. 4, 1961	-	59.0
Aug. 14, 1958	8.5	-	Aug. 20, 1959	-	70.1	Oct. 18, 1961	-	59.7
Sept. 18, 1958	9	-	Apr. 5, 1960	13,800	61.0	Nov. 4, 1961	-	59.9
Oct. 17, 1958	8.5	-	Nov. 6, 1959	14,500	-	Nov. 19, 1961	-	59.1
Nov. 13, 1958	7.5	-	Feb. 23, 1960	14,300	-	Dec. 9, 1961	-	58.5
Dec. 11, 1958	7	-	July 15, 1960	14,500	-	Dec. 25, 1961	-	56.8
Jan. 14, 1959	7	-	Jan. 5, 1961	14,300	-	Jan. 21, 1962	-	57.2
Feb. 4, 1959	9	-	Apr. 10, 1962	14,400	-	Feb. 4, 1962	-	56.7
Mar. 16, 1959	8	-	<b>N6510.</b>					
Apr. 9, 1959	8.5	-	Oct. 6, 1958	7,390	60.5	Feb. 18, 1962	-	54.9
May 12, 1959	9	-	Aug. 18, 1959	8,030	60.0	Mar. 17, 1962	-	55.3
July 10, 1959	15	-	Jan. 5, 1961	8,340	-	June 4, 1962	-	55.9
Aug. 15, 1959	10	-	July 21, 1961	8,520	-	June 16, 1962	23	-
Sept. 1, 1959	7.5	-	Apr. 13, 1962	9,100	-	Aug. 15, 1962	-	57.8
Mar. 9, 1960	8.5	-	<b>N6581.</b>					
Mar. 31, 1960	7.8	-	Oct. 6, 1958	7,390	60.5	Oct. 6, 1962	22	59.1
June 10, 1960	7.5	-	Aug. 18, 1959	8,030	60.0	Jan. 20, 1963	21	56.4
Oct. 13, 1960	9	-	Jan. 5, 1961	8,340	-	Apr. 8, 1963	20	-
May 25, 1961	9	-	July 21, 1961	8,520	-	<b>N6644.</b>		
Dec. 19, 1961	8.8	-	Apr. 13, 1962	9,100	-	Aug. 31, 1959	15,600	61.7
<b>N6149.</b>			Aug. 2, 1959	4.6	-	Sept. 10, 1959	15,700	-
Mar. 16, 1960	3	-	Nov. 20, 1961	7.6	-	Nov. 12, 1959	15,800	60.5
Dec. 4, 1961	3.6	-	July 18, 1962	-	51.1	Nov. 16, 1959	15,700	60.2
July 18, 1962	-	53.2	<b>N6702.</b>					
<b>N6193.</b>								
Feb. 16, 1960	13	-	Aug. 31, 1959	15,600	-	Mar. 14, 1960	15,600	59.4
Nov. 20, 1961	16	-	Sept. 10, 1959	15,700	-	July 19, 1960	15,800	60.6
July 20, 1962	-	52.9	Nov. 12, 1959	15,800	-	Sept. 22, 1961	15,600	-
<b>N6199.</b>			Nov. 16, 1959	15,700	-	Apr. 6, 1962	15,700	-

Table 3.—Summary of chloride concentration and temperature of water from surface-water bodies in or bounding Nassau County, N.Y.  
[Chloride analyses and temperature measurements by U.S. Geological Survey. Stations are shown on Plate I. See Table 4 for other data.]

Sampling station number	Map coordinates	Surface-water body	Locality	Chloride concentration				Water temperature			
				Period of record (years)	No. of samples	Solitary analysis or higher of 2 samples		Lower of 2 samples		Period of record (years)	No. of samples
						Chloride (ppm)	Date	Chloride (ppm)	Date		
<b>Streams, ponds, or lakes</b>											
NS1	B-5	Moh's Creek	Cedarhurst	1957	1	9,200	June 1, 1957	—	—	1957	June 1, 1957
NS2	B-5	do.	Hewlett	1957	22	June 1, 1957	—	—	—	72.9	June 1, 1957
NS3	B-5	do.	Lynbrook	1957	17	June 1, 1957	—	—	—	69.5	June 1, 1957
NS4	B-5	do.	do.	1957	25	June 14, 1957	—	—	—	59.5	June 14, 1957
NS5	B-5	Watts Creek	Valley Stream	1957	3,980	Apr. 8, 1957	—	—	—	49.6	Apr. 8, 1957
NS6	B-5	do.	do.	1957	15	Apr. 8, 1957	—	—	—	49.4	Apr. 8, 1957
NS11	B-5	Mills River	East Rockaway	1957	5,430	Apr. 8, 1957	—	—	—	47.7	Apr. 8, 1957
NS12	B-6	do.	Rockville Centre	1957	600	Apr. 8, 1957	—	—	—	49.1	Apr. 8, 1957
NS13	B-6	Smith Pond	Lynbrook	1957	15	Apr. 8, 1957	—	—	—	51.0	Apr. 8, 1957
NS14	B-7	Freeport Creek	Freeport	1957	2,720	Apr. 8, 1957	5,430	Apr. 8, 1957	2	48.9	Apr. 8, 1957
NS15	B-7	do.	do.	1957	12	Apr. 8, 1957	—	—	—	50.4	Apr. 8, 1957
NS16	B-7	Meadow Pond	do.	1957	13	Apr. 8, 1957	—	—	—	50.3	Apr. 8, 1957
NS17	B-7	Freeport Creek	Simonds Creek	1957	15	Apr. 8, 1957	—	—	—	51.1	Apr. 8, 1957
NS18	B-7	Simonds Creek	Merrick	1953	6,300	May 13, 1953	—	—	—	—	—
NS19	B-7	Wantagh Creek	Be Inore	1957	1,600	Apr. 8, 1957	—	—	—	49.6	Apr. 8, 1957
NS20	B-7	Wantagh Stream	Valley Stream	1957	15	Apr. 8, 1957	—	—	—	49.6	Apr. 8, 1957
NS21	C-5	Valley Stream Pond	Lakeview	1957	19	Apr. 8, 1957	—	—	—	51.5	Apr. 8, 1957
NS22	C-6	Pines Brook	West Hempstead	1957	7	Apr. 8, 1957	—	—	—	48.9	Apr. 8, 1957
NS23	C-6	do.	Hempstead	1957	10	Apr. 8, 1957	—	—	—	50.3	Apr. 8, 1957
NS24	C-6	Horse Brook	do.	1957	10	Apr. 8, 1957	—	—	—	47.5	Apr. 8, 1957
NS25	C-6	do.	Roseveit	1957	14	Apr. 8, 1957	—	—	—	49.6	Apr. 8, 1957
NS26	C-7	East Meadow Brook	Bel Inore	1957	16	Apr. 8, 1957	—	—	—	49.9	Apr. 8, 1957
NS27	C-7	Seaman Pond	North Bellmore	1957	18	Apr. 8, 1957	—	—	—	51.7	Apr. 8, 1957
NS28	C-7	Wantagh Stream	Massapequa	1957	12	Apr. 8, 1957	—	—	—	49.5	Apr. 8, 1957
NS29	C-8	Massapequa Pond	Lake Success	1957	8	Apr. 8, 1957	—	—	—	55.1	Apr. 8, 1957
NS30	D-5	Lake Success	Roslyn	1957	17	Apr. 8, 1957	—	—	—	53.6	Apr. 8, 1957
NS31	D-6	Roslyn Brook	Glen Cove	1957	14	Apr. 9, 1957	—	—	—	49.6	Apr. 8, 1957
NS32	E-6	Cedar Swamp Creek	Mill Neck	1937-57	2	June 30, 1937	9	June 30, 1937	6	45.3	Apr. 9, 1957
NS33	E-7	Mill Neck Creek	Mill Neck	1937-57	2	9	1957	—	—	45.7	Apr. 9, 1957
NS34	E-7	Beaver Lake	do.	1957	19	Apr. 9, 1957	—	—	—	45.9	Apr. 9, 1957
NS35	E-8	Cold Spring Brook	Cold Spring Harbor	1957	1	10	1957	—	—	44.2	Apr. 9, 1957
NS37	E-8	do.	do.	1957	1	10	1957	—	—	46.6	Apr. 9, 1957
NS38	E-8	Valley Stream	do.	1931-57	2	10	1957	5	June 30, 1937	80	July 26, 1957
NS39	B-5	Pines Brook	Valley Stream	—	—	—	—	—	1957-62	80	July 26, 1957
NS40	C-6	Hempstead Pond	Neuverne	—	—	—	—	—	1957-62	82	July 26, 1957
NS41	C-6	do.	do.	—	—	—	—	—	1953-62	163	July 26, 1957
NS42	C-7	East Meadow Brook	Freight	—	—	—	—	—	1947-62	37	July 26, 1957
NS43	C-7	Wantagh Stream	Wantagh	—	—	—	—	—	1947-62	78	July 26, 1957
NS44	C-8	Massapequa Creek	Nassapequa	—	—	—	—	—	1947-62	192	July 26, 1957
NS45	D-6	Roslyn Brook	Roslyn	—	—	—	—	—	1953-62	160	July 26, 1957
NS46	E-6	Cedar Swamp Creek	Glen Cove	—	—	—	—	—	1943-62	32	July 26, 1957
NS47	E-7	Mill Neck Creek	Mill Neck	—	—	—	—	—	1943-62	149	July 26, 1957
NS48	E-8	Cold Spring Brook	Cold Spring Harbor	—	—	—	—	—	1950-62	132	July 26, 1957
<b>Embankments</b>											
NS7	B-5	Brosewre Bay	Woodsburgh	1953	1	14,600	Aug. 13, 1952	—	—	—	Jan. 11, 1951
NS8	B-5	Rockaway Channel	Long Beach	1952	2	15,500	Sept. 11, 1952	—	—	—	Feb. 27, 1950
NS9	B-5	Reynolds Channel	do.	1947	1	16,000	Aug. 25, 1947	—	—	—	Dec. 34, 1950
NS35	E-7	Oyster Bay Cove	Oyster Bay	1953	1	11,000	Aug. 21, 1953	—	—	—	Feb. 20, 1950
<b>Ocean</b>											
NS10	A-5	Atlantic Ocean	Long Beach	1947	1	17,000	Aug. 25, 1947	—	—	—	—

1/ Includes solitary measurements, and higher of two measurements (N.Y.).

Table 4.--Chloride concentration and temperature of water from surface-water bodies in or bounding Nassau County, N. Y.

[Chloride analyses and temperature measurements by U.S. Geological Survey. Stations shown on plate I. See table 3 for other data]

Date of collection	Chloride (ppm)	Temperature (°F)
NS1. (B-5.) Motts Creek, at southeasterly end of boat basin branching off from creek, approximately 500 feet in a northeasterly direction from the intersection of Rockaway and Peninsula Blvd., Cedarhurst.		
June 11, 1957	9200	71.5
NS2. (B-5.) Motts Creek, south branch, immediately west of the intersection of Mill Rd. and Peninsula Blvd., Hewlett.		
June 11, 1957	22	72.9
NS3. (B-5.) Motts Creek, south branch, north of the intersection of Rockaway Ave. and Peninsula Blvd., Lynbrook.		
June 11, 1957	17	69.5
NS4. (B-5.) Motts Creek, south branch, south side of culvert underlying Sunrise Highway, immediately east of the intersection with Peninsula Blvd., Lynbrook.		
June 14, 1957	25	59.5
NS5. (B-5.) Watts Creek, north side of Ocean Ave., about 0.9 mile south of Sunrise Highway, Valley Stream.		
Apr. 8, 1957	3,980	49.6
NS6. (B-5.) Watts Creek, south side of Sunrise Highway, Valley Stream.		
Apr. 8, 1957	15	49.4
NS7. (B-5.) Brosewere Bay, foot of Woodsburgh Dock, Woodsburgh.		
Aug. 13, 1953	14,600	-
NS8. (B-5.) Rockaway Channel, at channel terminus of Indiana St., near well N3448, Long Beach.		
Sept. 11, 1952	14,700	-
	15,500	-
NS9. (B-5.) Reynolds Channel, along sea wall, at channel terminus of Laurelton Blvd., Long Beach.		
Aug. 25, 1947	16,000	-

Date of collection	Chloride (ppm)	Temperature (°F)
NS10. (A-5.) Atlantic Ocean, along breakwater 50 feet offshore, at ocean terminus of Laurelton Blvd., Long Beach.		
Aug. 25, 1947	17,000	-
NS11. (B-6.) Mills River, at south side of Atlantic Ave., East Rockaway.		
Apr. 8, 1957	5,430	47.7
NS12. (B-6.) Mills River, north side of S. Park Ave., Rockville Center.		
Apr. 8, 1957	600	49.1
NS13. (B-6.) Smith Pond, northwest corner of pond, Lynbrook.		
Apr. 8, 1957	15	51.0
NS14. (B-7.) Freeport Creek, at south side of Mill Rd., Freeport.		
Apr. 8, 1957	5,430 7,250	48.9 48.4
NS15. (B-7.) Freeport Creek, at south side of Merrick Rd., Freeport.		
Apr. 8, 1957	12	50.4
NS16. (B-7.) Meadow Pond, southwest corner of pond, Freeport.		
Apr. 8, 1957	13	50.3
NS17. (B-7.) Freeport Creek, at north side of Hempstead-Babylon Tpke., Freeport.		
Apr. 8, 1957	15	51.1
NS18. (B-7.) Simmonds Creek, Merrick Town Dock, Merrick.		
May 13, 1953	6,300	-
NS19. (B-7.) Jackson Creek, at south end of Hempstead Lane, Bellmore.		
Apr. 8, 1957	1,600	49.6
NS20. (B-7.) Wantagh Stream, at south end of pond near Merrick Rd., behind spillway, Bellmore.		
Apr. 8, 1957	15	49.6

Date of collection	Chloride (ppm)	Temperature (°F)
NS21. (C-5.) Valley Stream Pond, north end of pond, Valley Stream.		
Apr. 9, 1957	19	51.5
NS22. (C-6.) Pines Brook, north side of Johnson La., Lakeview.		
Apr. 8, 1957	19	48.0
NS23. (C-6.) Pines Brook, about 50 feet west of the western terminus of Henry St., West Hempstead.		
Apr. 8, 1957	7	47.5
NS24. (C-6.) Horse Brook, at north side of Tyler Ave., Hempstead.		
Apr. 8, 1957	10	51.6
NS25. (C-6.) Horse Brook, west of intersection of Jackson St. and Belmont Ave., Hempstead.		
Apr. 8, 1957	10	49.6
NS26. (C-7.) East Meadow Brook, pond adjacent to and west of Meadowbrook State Pkwy., approximately 0.6 mile south of Southern State Pkwy., Roosevelt.		
Apr. 8, 1957	14	51.8
NS27. (C-7.) Seaman Pond, at south end of pond near Park Ave., behind spillway, Bellmore.		
Apr. 8, 1957	16	49.9
NS28. (C-7.) Wantagh Stream, north side of Jerusalem Ave., North Bellmore.		
Apr. 8, 1957	18	51.7
NS29. (C-8.) Massapequa Pond, south end of pond near N.Y. City Dept. of Water Supply, Gas & Electricity pumping station, Massapequa.		
Apr. 8, 1957	12	49.5
NS30. (D-5.) Lake Success, northeast corner of lake, Lake Success.		
Apr. 9, 1957	8	55.1
NS31. (D-6.) Roslyn Brook, pond at head of brook in Roslyn Park, Roslyn.		
Apr. 9, 1957	17	53.6

Table 4.- Chloride concentration and temperature of water from surface-water bodies in or bounding Nassau County, N. Y.--Continued

Date of collection	Chloride (ppm)	Temperature (°F)
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NS32. (E-6.) Cedar Swamp Creek, at east end of culvert passing under municipal parking lot and U.S. Post Office, Glen Cove.

June 30, 1937	9	-
Apr. 9, 1957	14	47.9

NS33. (E-7.) Mill Neck Creek, near intersection of Frost Mill and Beaver Brook Rds., Mill Neck.

June 30, 1937	10	-
Apr. 9, 1957	6	46.3

NS34. (E-7.) Beaver Lake, south side of and behind spillway located at the northwest corner of the lake, Mill Neck.

Apr. 9, 1957	9	45.7
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NS35. (E-7.) Oyster Bay Cove, foot of Cove Landing Rd., at embayment, Oyster Bay.

Aug. 21, 1953	11,000	-
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NS36. (E-8.) Cold Spring Brook, near Stillwell Lane, approximately 0.5 mile west of Cold Spring Harbor Rd., Cold Spring Harbor.

Apr. 9, 1957	19	45.9
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NS37. (E-8.) Cold Spring Brook, approximately 0.8 mile south of Route 25A, Cold Spring Harbor.

Apr. 9, 1957	10	44.2
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NS38. (E-8.) Cold Spring Brook, pond behind dam located south of N.Y. State Fish Hatchery, Cold Spring Harbor.

June 30, 1937	5	-
Apr. 9, 1957	10	46.6

Month	Temperature (°F)		
	High	Low	Median

NS39. (C-5.) Valley Stream, 40 feet upstream from West Valley Stream Blvd., Valley Stream.

Jan.	42	34	37.5
Feb.	45	38	39.5
Mar.	51	39	42
Apr.	59	39	50.5
May	64	55	60
June	78	67	73
July	80	70	74
Aug.	79	69	72
Sept.	77	62	64
Oct.	71	55	63
Nov.	56	45	52
Dec.	44	38	40

NS40. (C-6.) Pines Brook, 100 feet downstream from Lakeview Ave., Malverne.

Jan.	50	35	40
Feb.	57	34	40
Mar.	53	40	48
Apr.	67	48	53
May	68	56	62
June	78	64	72
July	82	64	74
Aug.	79	60	72
Sept.	77	59	67
Oct.	68	51	58
Nov.	57	38	48
Dec.	48	38	45

NS41. (C-6.) Hempstead Pond, at tail water end of spillway, south end of pond, north side of Lakeview Ave., Malverne.

Jan.	40	33	36
Feb.	37	35	36
Mar.	50	-	-
Apr.	62	46	56
May	70	58	64.5
June	64	-	-
July	80	74	77.5
Aug.	81	75	77.5
Sept.	72	60	67.5
Oct.	62	58	60
Nov.	51	44	45
Dec.	42	-	-

NS42. (C-7.) East Meadow Brook, 50 feet upstream from bridge at Hempstead-Babylon Tpke. and 300 feet west of East Meadowbrook Pkwy., Freeport.

Jan.	46	38	42
Feb.	48	38	42
Mar.	50	42	47
Apr.	58	41	51.5
May	67	55	59
June	76	59	66
July	78	66	71
Aug.	77	64	70.5
Sept.	74	62	65
Oct.	67	33	59.5
Nov.	57	46	50
Dec.	51	37	43

NS43. (C-7.) Wantagh Stream, east side of Wantagh Pkwy., at northwest village boundary, Wantagh.

Jan.	51	39	45
Feb.	53	38	45
Mar.	59	42	47
Apr.	59	49	55
May	69	53	60.5
June	71	58	62
July	76	61	69.5
Aug.	72	58	67
Sept.	75	52	64
Oct.	68	48	59
Nov.	60	44	52
Dec.	55	34	45

Month	Temperature (°F)		
	High	Low	Median

NS44. (C-8.) Massapequa Creek, left bank 350 feet west of intersection of Garfield St. and Lake Shore Dr., Massapequa.

Jan.	51	41	45
Feb.	51	39	44
Mar.	58	41	48.5
Apr.	72	42	53.5
May	61	49	56
June	75	53	60.5
July	73	60	64
Aug.	79	58	64
Sept.	79	54	59
Oct.	60	50	56
Nov.	60	42	50
Dec.	53	41	47.5

NS45. (D-6.) Roslyn Brook, 200 feet below spillway, Roslyn Park, Roslyn.

Jan.	49	38	45
Feb.	43	40	41
Mar.	48	-	-
Apr.	59	47	51
May	65	59	61
June	67	65	66
July	70	64	67.5
Aug.	65	59	60
Sept.	67	55	59
Oct.	60	51	56
Nov.	59	50	53.5
Dec.	50	35	49.5

NS46. (E-6.) Cedar Swamp Creek, downstream side of highway bridge at culvert draining to pond in Pratt Park, 1 block west of post office, Glen Cove.

Jan.	48	40	43
Feb.	52	42	47
Mar.	55	40	48
Apr.	59	49	52
May	67	52	57
June	74	56	59
July	68	57	60.5
Aug.	65	59	60
Sept.	64	55	59
Oct.	60	51	56
Nov.	59	50	53.5
Dec.	50	35	49.5

NS47. (E-7.) Mill Neck Creek, at spillway of Beaver Lake, 30 feet south of Feeks La. (Cleft Rd.) Bridge, Mill Neck.

Jan.	40	32	37.5
Feb.	44	33	37
Mar.	56	39	45.5
Apr.	68	45	55
May	73	53	64
June	83	65	75
July	83	72	78.5
Aug.	85	67	76
Sept.	85	57	66.5
Oct.	65	46	58.5
Nov.	54	34	43
Dec.	47	33	38

NS48. (E-8.) Cold Spring Brook, left bank 270 feet upstream from State Highway 25A, at Cold Spring Harbor State Fish Hatchery, Cold Spring Harbor.

Jan.	45	37	40
Feb.	45	38	41
Mar.	54	39	45
Apr.	61	46	53.5
May	66	48	63
June	78	59	70
July	78	68	74
Aug.	77	61	72
Sept.	75	58	63
Oct.	62	48	56
Nov.	50	40	47.5
Dec.	47	35	40

